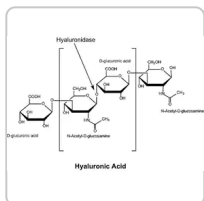


Saisir le nom du produit, le numéro de lot, etc.



Toutes les
photos (5)

Documents

↓ FDS

🔍 COO/COA

📄 Fiche des
caractéristiques

Plus de
documents »

H3884 ▶ **Sigma-Aldrich.**

Hyaluronidase from bovine testes

★★★★★ (0)

Type IV-S, lyophilized powder (essentially salt-free), 750-3000 units/mg solid

Synonyme(s):

Hyaluronate 4-glycanohydrolase, Hyaluronoglucosaminidase

Numéro CAS: **37326-33-3**

Numéro de classification
(Commission des enzymes):

3.2.1.35 (BRENDA, IUBMB)

Numéro EC: **253-464-3**

Numéro MDL:

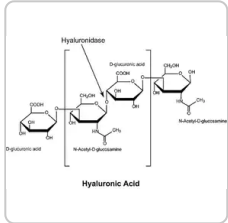
MFCD00131351

Référence	Conditionnement	Disponibilité	Prix	Quantité
H3884-50MG	50 MG	✓ Date d'expédition estimée le 03 novembre 2022	117,00 €	− + 📘
H3884-100MG	100 MG	✓ Date d'expédition estimée le 01 novembre 2022	201,00 €	− + 📘
H3884-500MG	500 MG	✓ Date d'expédition estimée le 01 novembre 2022	748,00 €	− + 📘
H3884-1G	1 G	✓ Date d'expédition estimée le 05 décembre 2022	1200,00 €	− + 📘

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[Ajouter au panier](#)

PRODUITS RECOMMANDÉS



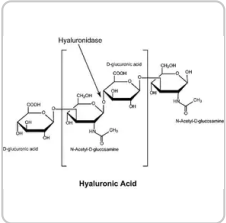
Sigma-Aldrich

H3506

Hyaluronidase from bovine testes

Type I-S, lyophilized powder, 400-1000 units/mg solid

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

H4272

Hyaluronidase from bovine testes

Type IV-S, powder, suitable for mouse embryo cell culture, 750-3000 units/mg solid

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Source biologique	bovine testis
Niveau de qualité	200
Type	Type IV-S
Forme	lyophilized powder (essentially salt-free)
specific activity	750-3000 units/mg solid
Poids mol.	~55 kDa (four subunits of 14 kDa each)

N° d'accèsion UniProt

Q5E985

application(s) diagnostic assay manufacturing

Maladie(s) pertinente(s) cancer

Temp. de stockage -20°C

Gene Information cow ... [HYAL1\(515397\)](#) , [HYAL2\(281838\)](#)

Vous recherchez des produits similaires ? Visit [Guide de comparaison des produits](#)

Catégories apparentées

[Tissue Dissociation](#)

DESCRIPTION

Conditionnement

50, 100, 500 mg in poly bottle

1 g in poly bottle

Actions biochimiques/physiologiques

Hyaluronidase degrades hyaluronan and has been found to be inappropriately regulated during cancer progression.

These enzymes randomly cleave β -N-acetylhexosamine-[1→4] glycosidic bonds in hyaluronic acid, chondroitin, and chondroitin sulfates.

Définition de l'unité

One unit will cause a change in % transmittance at 600 nm of 0.330 per minute at pH 5.35 at 37 °C in a 2.0 mL reaction mixture (45 minute assay).

Autres remarques

View more information on [enzymes for complex carbohydrate analysis](http://www.sigma-aldrich.com/enzymeexplorer) at www.sigma-aldrich.com/enzymeexplorer

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelle

Eyeshields, Gloves, type N95 (US)

DOCUMENTATION

Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

Plus De Documents

[Enzyme Explorer](#)

[FDS](#)

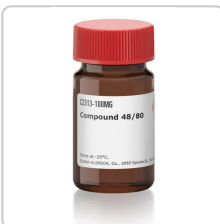
LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

HX0514

Hyaluronidase - CAS 37326-33-3 - Calbiochem



Sigma-Aldrich

C2313

Compound 48/80



QUESTIONS FRÉQUEMMENT POSÉES (FAQ)

How does the storage temperature relate to shipping conditions?

The storage conditions that a Sigma-Aldrich catalog and label recommend for products are deliberately conservative. For many products, long-term storage at low temperatures will increase the time during which they are expected to remain in specification and therefore are labeled accordingly. Where short-term storage, shipping time frame, or exposure to conditions other than those recommended for long-term storage will not affect product quality, Sigma-Aldrich will ship at ambient temperature. The products sensitive to short-term exposure to conditions other than their recommended long-term storage are shipped on wet or dry ice. Ambient temperature shipping helps to control shipping costs for our customers. At any time, our customers can request wet- or dry-ice shipment, but the special handling is at customer expense if our product history indicates that the product is stable for regular shipment. See [Shipping and Storage](#) for more information.

Which document(s) contains shelf-life or expiration date information for a given product?

If available for a given product, the recommended re-test date or the expiration date can be found on the Certificate of Analysis.

How do I get lot-specific information or a Certificate of Analysis?

The lot specific COA document can be found by entering the lot number above under the "Documents" section.

How do I find price and availability?

There are several ways to find pricing and availability for our products. Once you log onto our website, you will find the price and availability displayed on the product detail page. You can contact any of our Customer Sales and Service offices to receive a quote. USA customers: 1-800-325-3010 or view [local office numbers](#).

What is the Department of Transportation shipping information for this product?

Transportation information can be found in Section 14 of the product's (M)SDS. To access the shipping information for this material, use the link on the product detail page for the product.

Can stock solutions of Product H3884, Hyaluronidase from bovine testes, be stored frozen after reconstitution?

Although Sigma-Aldrich has not tested the stability of stock solutions of Product H3884, Hyaluronidase from bovine testes, several publications cite storage of solutions of H3884 at -20 °C:1. Campbell, Keith H.S, "Transgenic Sheep from Cultured Cells", from Transgenesis Techniques: Principles and Protocols, Methods Mol. Biol., 180, 289-301 (2002). A 1500 IU/mL stock solution was stored in 20 mL aliquots at -20 °C.2. Marschall, S. and de Angelis, M.H., "In Vitro Fertilization/Cryopreservation", from Transgenic Mouse: Methods and Protocols, Methods in Molecular Biology, 209, pp. 35-50. Humana Press (2003). 1 mg/mL stock solutions in M2 medium or water, sterile-filtered (0.22 mm filter) can be stored in aliquots at -20 °C.

My question is not addressed here, how can I contact Technical Service for assistance?

Ask a Scientist [here](#).

ARTICLES REVUS PAR DES PAIRS

High fidelity visualization of cell-to-cell variation and temporal dynamics in nascent extracellular matrix formation.

Claire M McLeod et al.

Scientific reports, 6, 38852-38852 (2016-12-13)

Extracellular matrix dynamics are key to tissue morphogenesis, homeostasis, injury, and repair. The spatiotemporal organization of this matrix has profound biological implications, but is challenging to monitor using standard techniques. Here, we address these challenges by using noncanonical amino acid

Inhibition of GABAA- ρ receptors induces retina regeneration in zebrafish.

Matthew R Kent et al.

Neural regeneration research, 16(2), 367-374 (2020-08-30)

A potential treatment for retinal diseases is to induce an endogenous Müller glia (MG)-derived regenerative response to replace damaged neurons. In contrast to mammalian MG, zebrafish MG are capable of mediating spontaneous regeneration. We seek to define the mechanisms that

Differential expression of pro-inflammatory cytokines IL-15 α , IL-15, IL-6 and TNF α in synovial fluid from rheumatoid arthritis patients.

Alicia Santos Savio et al.

BMC musculoskeletal disorders, 16, 51-51 (2015-04-17)

Pro-inflammatory cytokines are directly implicated in the pathogenesis of Rheumatoid arthritis (RA). Variable clinical response to cytokine targeted therapies as TNFalpha and IL-6, strongly highlights the heterogeneity of inflammatory process in RA. Another cytokine, IL-15 has also been related to

Adaptations to high-intensity interval training in skeletal muscle require NADPH oxidase 2.

Carlos Henríquez-Olguín et al.

Redox biology, 24, 101188-101188 (2019-04-09)

Reactive oxygen species (ROS) have been proposed as signaling molecules mediating exercise training adaptation, but the ROS source has remained unclear. This study aimed to investigate if increased NADPH oxidase (NOX)2-dependent activity during exercise is required for long-term high-intensity interval

Controlling motor neurons of every muscle for fly proboscis reaching.

Claire E McKellar et al.

eLife, 9 (2020-06-26)

We describe the anatomy of all the primary motor neurons in the fly proboscis and characterize their contributions to its diverse reaching movements. Pairing this behavior with the wealth of *Drosophila*'s genetic tools offers the possibility to study motor control

Afficher tous les articles scientifiques apparentés

PROTOCOLES ET ARTICLES SCIENTIFIQUES

Articles

Carbohydrate Analysis III

A key resource feature at our Enzyme Explorer section of biochemicals is "Enzymes for Carbohydrate Analysis and Digestion." Offering kits, reagents, analysis, lists of enzymes related to PTM and carbohydrate metabolism.

Glycosaminoglycan Sulfation and Signaling

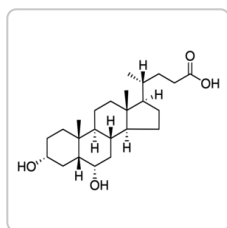
Glycosaminoglycans are large linear polysaccharides constructed of repeating disaccharide units.

Protocoles

Enzymatic Assay of Hyaluronidase (3.2.1.35)

This procedure may be used for Hyaluronidase products.

PRODUITS CONSULTÉS RÉCEMMENT



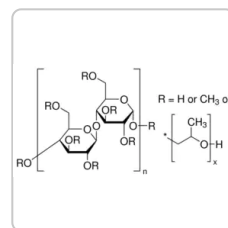
Sigma-Aldrich

H3878

Hyodeoxycholic acid

≥98%

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

H3785

Hypromellose

meets USP testing specifications

[Consulter le prix et la disponibilité](#)

Évaluations



[Soyez le premier à donner votre avis sur ce produit](#)

Questions

[Soyez le premier à poser une question](#)

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Notre équipe de scientifiques dispose d'une expérience dans tous les secteurs de la recherche, notamment en sciences de la vie, science des matériaux, synthèse chimique, chromatographie, analyse et dans de nombreux autres domaines..

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