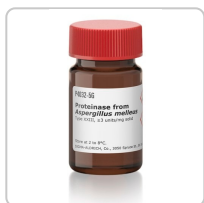


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Documents

[↓ FDS](#)

[🔍 COO/COA](#)

[📄 Fiche des caractéristiques](#)

P4032 ▶ **Sigma-Aldrich.**

Proteinase from *Aspergillus melleus*

★★★★★ (0)

Type XXIII, ≥3 units/mg solid

Synonyme(s):

Protease from *Aspergillus melleus*, Proteinase from *Aspergillus sp.*

Numéro CAS: **9001-92-7**

Numéro EC: **232-642-4**

Numéro MDL: **MFCD00132092**

eCl@ss: 32160410

NACRES: NA.54

Référence	Conditionnement	Disponibilité	Prix	Quantité
P4032-5G	5 G	✓ Only 1 left in stock (more on the way) Détails...	65,00 €	− + i
P4032-25G	25 G	✓ Disponible pour expédition le 10 octobre 2022 Détails...	93,60 €	− + i

[Demander une commande en gros](#)

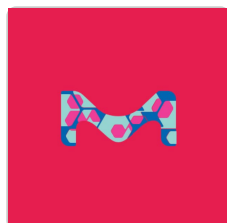
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Sigma-Aldrich

P6110

Protease from *Aspergillus oryzae*

≥500 U/g

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Sigma-Aldrich

P4630

Protease from bovine pancreas

Type I, ≥5 units/mg solid

[Consulter le prix et la disponibilité](#)



PROPRIÉTÉS

Source biologique *Aspergillus* sp. (*A. melleus*)

Niveau de qualité 200

Type Type XXIII

Forme solid

specific activity ≥3 units/mg solid

Temp. de stockage 2-8°C

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

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DESCRIPTION

Application

Proteinase is an enzyme used to break down proteins by hydrolyzing peptide bonds. Proteinase is used to degrade proteins, to study proteinase inhibitors and to study thermal inactivation kinetics. Proteinase is used in nucleic acid isolation procedures in incubations. It is used to study proteinase-activated receptors, such as the transducers of proteinase-mediated signaling in inflammation and the immune response. Product P4032 is from *Aspergillus melleus* and has been used to non-specifically degraded xylanase from *Streptomyces halstedii*.

Conditionnement

5, 25 g in glass bottle

Actions biochimiques/physiologiques

Proteinase catabolizes proteins by hydrolysis of peptide bonds. Proteases are inactivated by serine active-site inhibitors, such as phenylmethylsulfonyl fluoride (PMSF) and diisopropylfluorophosphate .

Définition de l'unité

One unit will hydrolyze casein to produce color equivalent to 1.0 μ mole (181 μ g) of tyrosine per min at pH 7.5 at 37 °C (color by Folin-Ciocalteu reagent), unless otherwise indicated.

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**Pictograms**

GHS07,GHS08

Mention d'avertissement

Danger

Mentions de danger

H315 - H319 - H334 - H335

Conseils de prudence

**P261 - P264 - P271 - P280 -
P302 + P352 - P305 + P351 +
P338**

Classification des risques

Eye Irrit. 2 - Resp. Sens. 1 -
Skin Irrit. 2 - STOT SE 3

Organes cibles

Respiratory system

**Code de la classe de
stockage**

11 - Combustible Solids

WGK

WGK 1

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

**Équipement de protection
individuelle**

dust mask type N95 (US),
Eyeshields, Faceshields,
Gloves

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)

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Certificat d'origine

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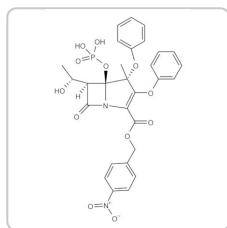
Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

P4850

Proteinase K from *Tritirachium album*

buffered aqueous glycerol solution, for molecular biology, ≥800 units/mL

Consulter le prix et la disponibilité



Millipore

70663

Proteinase K, Lyophilized

Highly active serine protease that exhibits broad cleavage specificity on native and denatured proteins...

Consulter le prix et la disponibilité

ARTICLES REVUS PAR DES PAIRS

Epi-illumination gradient light interference microscopy for imaging opaque structures.

Mikhail E Kandel et al.

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PRDM1 controls the sequential activation of neural, neural crest and sensory progenitor determinants.

Ravindra S Prajapati et al.

Development (Cambridge, England), 146(24) (2019-12-07)

During early embryogenesis, the ectoderm is rapidly subdivided into neural, neural crest and sensory progenitors. How the onset of lineage determinants and the loss of pluripotency markers are temporally and spatially coordinated in vivo is still debated. Here, we identify

Proteinase-activated receptors: transducers of proteinase-mediated signaling in inflammation and immune response.

Martin Steinhoff et al.

Endocrine reviews, 26(1), 1-43 (2005-02-04)

Serine proteinases such as thrombin, mast cell tryptase, trypsin, or cathepsin G, for example, are highly active mediators with diverse biological activities. So far, proteinases have been considered to act primarily as degradative enzymes in the extracellular space. However, their

Network science characteristics of brain-derived neuronal cultures deciphered from quantitative phase imaging data.

Chenzhong Yin et al.

Scientific reports, 10(1), 15078-15078 (2020-09-17)

Understanding the mechanisms by which neurons create or suppress connections to enable communication in brain-derived neuronal cultures can inform how learning, cognition and creative behavior emerge. While prior studies have shown that neuronal cultures possess self-organizing criticality properties, we further

Cellular taxonomy and spatial organization of the murine ventral posterior hypothalamus.

Laura E Mickelsen et al.

eLife, 9 (2020-10-30)

The ventral posterior hypothalamus (VPH) is an anatomically complex brain region implicated in arousal, reproduction, energy balance, and memory processing. However, neuronal cell type diversity within the VPH is poorly understood, an impediment to deconstructing the roles of distinct VPH

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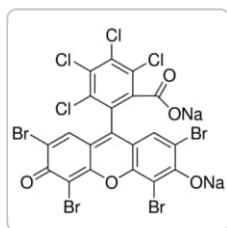
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PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

P4030

Phloxine B

Dye content ≥ 80 %, certified by the Biological Stain Commission

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Sigma-Aldrich

P4020

Protamine sulfate salt from salmon

Grade X, amorphous powder

[Consulter le prix et la disponibilité](#)

Évaluations



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Questions

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