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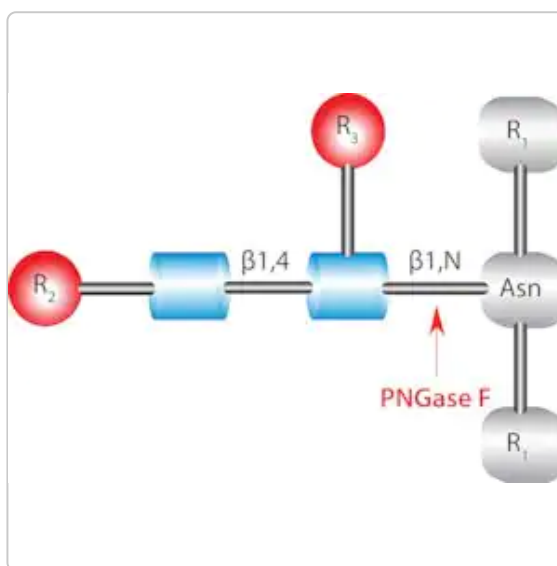


F8435 ► Sigma-Aldrich

PNGase F from *Elizabethkingia meningoseptica*

★★★★★ (0)

lyophilized powder, recombinant, expressed in *E. coli*



Toutes les photos (1)

Synonyme(s):

N-Glycosidase F, PNGase F from *Chryseobacterium meningosepticum*, PNGase F from *Flavobacterium meningosepticum*, Peptide N-glycosidase

Numéro CAS:

83534-39-8

Numéro de classification (Commission des enzymes):

3.5.1.52 (BRENDA, IUBMB)

Numéro MDL:

MFCD00131222

Select an Option

Référence

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205,00 €



Date d'expédition estimée le 10 octobre 2022 - **De**

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Documents

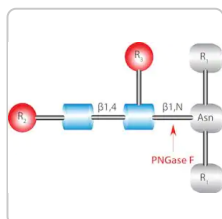
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[🔍 COO/COA](#)

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PRODUITS RECOMMANDÉS



Sigma-Aldrich

P7367

PNGase F from *Elizabethkingia meningoseptica*

BioReagent, ≥95% (SDS-PAGE), for proteomics

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PROPRIÉTÉS

Recombinant

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Conjugué
(N-linked)

Forme
lyophilized powder

specific activity
≥1,000 U/mg

Durée de conservation
≥1 weeks at 2-8 °C (for reconstituted solution)
≥1 yr at -20 °C

Poids mol.
~36 kDa

Expédié(e)s dans
wet ice

Temp. de stockage
-20°C

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

Catégories apparentées[Glycobiology Profiling Tools](#)

DESCRIPTION

Application

Highly purified material can be used for preparative deglycosylation or for analytical applications in gel, in solution, or on blot membranes. The enzyme can be removed from preparative operations by utilizing its C-terminal 6x histidine fusion tag.

Used to deglycosylate protein.

Actions biochimiques/physiologiques

Cleaves an entire glycan from a glycoprotein provided the glycosylated asparagine moiety is substituted on its amino and carboxyl terminus with a polypeptide chain.

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was used to treat a purified protein, mouse cone ultraviolet (MUV) pigment, before use in quantitative immunoblot analysis in a study It is used to deglycosylate N-linked glycoproteins. Highly purified material can be used for preparative deglycosylation or for analytical applications in gel, in solution, or on blot membranes. The enzyme can be removed from preparative operations by utilizing its C-terminal 6x histidine fusion tag.

Définition de l'unité

One unit will catalyze the release of N-linked oligosaccharides from 1 nanomole of denatured ribonuclease B in one minute at 37°C at pH 7.5 monitored by SDS-PAGE. One Sigma unit of PNGase F activity is equal to 1 IUB milliunit.

INFORMATIONS SUR LA SÉCURITÉ**Pictograms****GHS08****Mention d'avertissement**

Danger

Mentions de danger**H334****Conseils de prudence****P261 - P284 - P501****Classification des risques**

Resp. Sens. 1

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

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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)

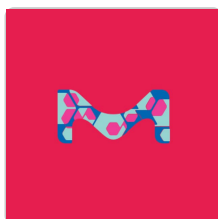
Rechercher

Plus De Documents

[Enzyme Explorer](#)

[FDS](#)

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

EDEGLY

Enzymatic Protein Deglycosylation Kit

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ARTICLES REVUS PAR DES PAIRS

Advanced glycation end-products regulate extracellular matrix-adipocyte metabolic crosstalk in diabetes.

Clarissa Strieder-Barboza et al.

Scientific reports, 9(1), 19748-19748 (2019-12-26)

The adipose tissue extracellular matrix (ECM) regulates adipocyte cellular metabolism and is altered in obesity and type 2 diabetes, but mechanisms underlying ECM-adipocyte metabolic crosstalk are poorly defined. Advanced glycation end-product (AGE) formation is increased in diabetes. AGE alter tissue

Cone-like morphological, molecular, and electrophysiological features of the photoreceptors of the Nrl knockout mouse.

Lauren L Daniele et al.

Investigative ophthalmology & visual science, 46(6), 2156-2167 (2005-05-26)

To test the hypothesis that Nrl(-)/(-) photoreceptors are cones, by comparing them with WT rods and cones using morphological, molecular, histochemical, and electrophysiological criteria. The photoreceptor layer of fixed retinal tissue of 4- to 6-week-old mice was examined in plastic

Double impact on p-glycoprotein by statins enhances doxorubicin cytotoxicity in human neuroblastoma cells.

Evelyn Sieczkowski et al.

International journal of cancer, 126(9), 2025-2035 (2009-09-10)

The development of multidrug resistance (MDR) is a major problem during cancer treatment. Drug efflux via ATP-binding cassette (ABC) transporters is the main mechanism responsible for resistance to chemotherapeutics. We have recently observed that statins enhance susceptibility to doxorubicin-induced apoptosis

Design, Expression, Purification, and Characterization of a YFP-Tagged 2019-nCoV Spike Receptor-Binding Domain Construct.

Tobias Bierig et al.

Frontiers in bioengineering and biotechnology, 8, 618615-618615 (2021-01-08)

2019-nCoV is the causative agent of the serious, still ongoing, worldwide coronavirus disease (COVID-19) pandemic. High quality recombinant virus proteins are required for research related to the development of vaccines and improved assays, and to the general understanding of virus

Demonstration of peptide:N-glycosidase F activity in endo-beta-N-acetylglucosaminidase F preparations.

T H Plummer et al.

The Journal of biological chemistry, 259(17), 10700-10704 (1984-09-10)

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PROTOCOLES ET ARTICLES SCIENTIFIQUES

Articles

Strategies for Deglycosylating N-Linked Glycans

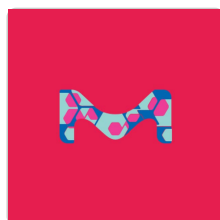
Explore various strategies for deglycosylating N-linked glycans involving PNGase F, PNGase A (Glycopeptidase A), and even native and sequential deglycosylation with endoglycosidases like Endoglycosidase H, Endoglycosidase F,...

Protocoles

Released N-Linked Glycan Analysis Workflow of Adalimumab

A step-by-step protocol for released N-linked glycan analysis of the monoclonal antibody adalimumab, based on UHPLC-FLR-MS and procainamide labeling.

PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

F8424

Fibroblast Growth Factor-4 human

FGF-4, recombinant, expressed in *E. coli*, lyophilized powder, suitable for cell culture

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Évaluations



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Questions

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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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