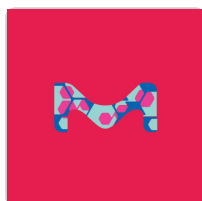


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[Fiche des caractéristiques](#)

P1236 ▶ **Sigma-Aldrich.**

Protease from *Bacillus amyloliquefaciens*

★★★★★ (0)

liquid, ≥ 0.8 U/g

Synonyme(s):

Neutrase® 0.8L

Numéro EC:

232-752-2

Numéro MDL:

MFCD00132092

NACRES:

NA.54

Référence	Conditionnement	Disponibilité	Prix	Quantité
P1236-50ML	50 ML	✓ Date d'expédition estimée le 01 novembre 2022	149,00 €	- +
P1236-250ML	250 ML	✓ Only 1 left in stock (more on the way) Détails...	363,00 €	- +

[Demander une commande en gros](#)

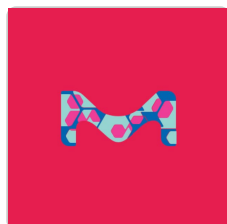
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Sigma-Aldrich

P4860

Protease from *Bacillus licheniformis*

≥ 2.4 U/g

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P0029

Protease from *Bacillus* sp.

[Consulter le prix et la disponibilité](#)



PROPRIÉTÉS

Source biologique *Bacillus* sp. (*Bacillus amyloliquefaciens*)

Niveau de qualité 200

Forme liquid

specific activity ≥ 0.8 U/g

Temp. de stockage 2-8°C

Catégories apparentées

[Proteases](#)

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[GET YOURS HERE](#)**Description générale**

Bacterial protease produced by submerged fermentation of a selected strain of *Bacillus amyloliquefaciens*

Application

Protease from *Bacillus amyloliquefaciens* has been used for the unhairing of hides and skins. It has also been used in a study to investigate peptide bond formation using the carbamoylmethyl ester as the acyl donor.

Conditionnement

250 mL in glass bottle

Actions biochimiques/physiologiques

Secretion of protease by *Bacillus amyloliquefaciens* can be inhibited by treatment with the fatty acid synthetase inhibitor cerulenin.

Informations légales

A product of Novozyme Corp.

Neutrase is a registered trademark of Novozymes Corp.

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

Danger

Mentions de danger

H334

Conseils de prudence

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[GET YOURS HERE](#)**Classification des risques**

Resp. Sens. 1

Code de la classe de stockage

10 - Combustible liquids

WGK

WGK 1

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)**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)

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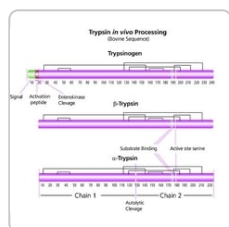
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LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

T9201

Trypsin from bovine pancreas
powder, $\geq 7,500$ BAEE units/mg solid

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P5380

Protease from *Bacillus licheniformis*
Type VIII, lyophilized powder, 7-15 units/mg solid

[Consulter le prix et la disponibilité](#)

ARTICLES REVUS PAR DES PAIRS

Effect of neutrase, alcalase, and papain hydrolysis of whey protein concentrates on iron uptake by Caco-2 cells.

Keqin Ou et al.

Journal of agricultural and food chemistry, 58(8), 4894-4900 (2010-03-17)

Effects of enzymatic hydrolysates of whey protein concentrates (WPC) on iron absorption were studied using in vitro digestion combined with Caco-2 cell models for improved iron absorption. Neutrase- and papain-treated WPC could improve iron absorption; especially hydrolysates by Neutrase could

Production of protease by *Bacillus amyloliquefaciens* in solid-state fermentation and its application in the unhairing of hides and skins

George, S., et al.

Process. Biochem., 30, 457-462 (1995)

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Protein size distribution and inhibitory effect of wheat hydrolysates on Neutrase.

R Kammoun et al.

Bioresource technology, 90(3), 249-254 (2003-10-25)

Neutrase, used for hydrolysis of wheat proteins, was inhibited by end-product in a competitive uncompetitive way. The inhibition ratio depends on the progress of protein hydrolysis (degree of hydrolysis) and it remains constant beyond a degree of hydrolysis of 7.5%.

Peptide synthesis using carbamoylmethyl esters as acyl donors mediated by *Bacillus amyloliquefaciens* protease.

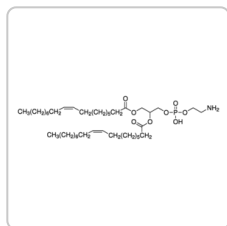
Toshifumi Miyazawa et al.

Protein and peptide letters, 15(10), 1050-1054 (2008-12-17)

Bacillus amyloliquefaciens protease-catalyzed peptide bond formation was investigated using the carbamoylmethyl (Cam) ester as the acyl donor. A series of N-protected L-amino acid Cam esters were coupled with an L-amino acid amide in acetonitrile in good to excellent yields. The

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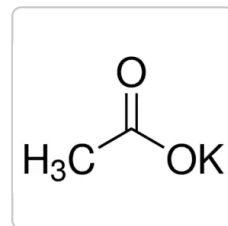
Sigma-Aldrich

P1223

L-α-Phosphatidylethanolamine, dioleoyl

≥99% (GC), ≥98% (TLC), lyophilized powder

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P1222

Potassium acetate

meets USP testing specifications

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