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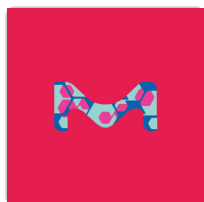
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Saisir le nom du produit, le numéro de lot, etc.



Toutes les
photos (1)

P0762 ▶ **Sigma-Aldrich.**

Phosphatase, Alkaline-Agarose from calf intestine

★★★★★ (0)

ammonium sulfate suspension

Synonyme(s):

Alkaline phosphatase-Agarose

Documents

Numéro MDL:

MFCD00131852

eCl@ss:

42010105



FDS



COO/COA



Fiche des
caractéristiques

Référence	Conditionnement	Disponibilité	Prix	Quantité
P0762-50UN	50 UNITS	✓ Only 3 left in stock (more on the way) Détails...	261,00 €	- + i
P0762-100UN	100 UNITS	✓ Date d'expédition estimée le 25 octobre 2022	448,00 €	- + i
P0762-250UN	250 UNITS	✓ Disponible pour expédition le 10 octobre 2022 Détails...	964,00 €	- + i
P0762-1KU	1000 UNITS	✓ Only 3 left in stock (more on the way) Détails...	3030,00 €	- + i

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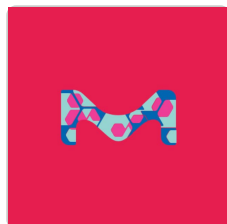
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PRODUITS RECOMMANDÉS



Sigma-Aldrich

SRP6549**Alkaline Phosphatase from calf intestine**

≥98% (SDS-PAGE)

[Consulter le prix et la disponibilité](#)

Roche

APMB-RO**Alkaline Phosphatase**

solution, from bovine (calf) intestine, 2 units/μg protein, optimum pH 7.5-9.5

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Source biologique	bovine (calf) intestine
Niveau de qualité	200
Forme	ammonium sulfate suspension
specific activity	250-1000 units/mL packed gel
Matrice	beaded agarose
Temp. de stockage	2-8°C

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DESCRIPTION

Description générale

Alkaline phosphatase from calf intestine is a glycoprotein with a molecular weight of 140,000.

Application

Alkaline phosphatase from calf intestine, CIP, removes phosphate groups from the 5' ends of DNA which aids in cloning techniques to keep DNA from self-ligation. It can be inhibited by homoarginine.

Calf intestinal alkaline phosphatase (CIAP) has been used in a study with the spectrophotometric method to assess the inhibition effect of dansyl-L-phenylalanine. It has also been shown that (CIAP) is able to detoxify the lipopolysaccharide (LPS)-mediated inflammatory response, which could be important in the treatment of LPS-mediated diseases.

Conditionnement

50, 100, 250 units in poly bottle

1000 units in glass bottle

Package size based on DEA units

Actions biochimiques/physiologiques

Sigma insoluble enzymes are produced by reacting the conventional "soluble" enzyme with an inert base that results in an insoluble compound retaining the activity of the original enzyme. Applications are almost unlimited. By selecting the "inert" base carefully, a highly active "resin" or "gel" can be produced with which the enzyme reaction can be quickly catalyzed by momentary

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[GET YOURS HERE](#)**Définition de l'unité**

One unit will hydrolyze 1.0 mmole of p-nitrophenyl phosphate per min at pH9.8 at 37 °C.

Forme physique

Suspension in 2.0 M $(\text{NH}_4)_2\text{SO}_4$, 1 mM MgCl_2 , 0.1 mM ZnCl_2 , pH 7

INFORMATIONS SUR LA SÉCURITÉ**Code de la classe de stockage**

10 - Combustible liquids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

LISTES RÉGLEMENTAIRES

Les listes réglementaires sont principalement fournies pour les produits chimiques. Seules des informations limitées peuvent être fournies ici pour les produits non chimiques. L'absence d'indication signifie qu'aucun des composants n'est répertorié. Il incombe à l'utilisateur de s'assurer de l'utilisation sûre et légale du produit.

Liste des restrictions (Annexe XXII du Règlement REACH de l'UE)

CAS No. **7783-20-2**

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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).

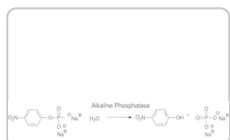
Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

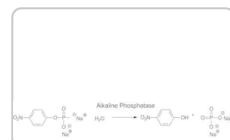
LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

P0114

Phosphatase, Alkaline from bovine intestinal



Sigma-Aldrich

A2356

Phosphatase, Alkaline from bovine intestinal

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ARTICLES REVUS PAR DES PAIRS

Human T-cell leukemia virus type 2 Rex inhibits pre-mRNA splicing in vitro at an early stage of spliceosome formation.

A Bakker et al.

Journal of virology, 70(8), 5511-5518 (1996-08-01)

The Rex protein is an essential regulator of RNA expression in human T-cell leukemia virus types 1 and 2 (HTLV-1 and HTLV-2) that promotes the accumulation of full-length and partially spliced viral transcripts in the cytoplasm. Rex-mediated regulation correlates with

Calf intestinal alkaline phosphatase, a novel therapeutic drug for lipopolysaccharide (LPS)-mediated diseases, attenuates LPS toxicity in mice and piglets

Beumer, C.

Journal of Pharmacology and Experimental Therapeutics, 397, 737-744 (2003)

Recapitulation of cell-like KRAS4b membrane dynamics on complex biomimetic membranes.

Rebika Shrestha et al.

iScience, 25(1), 103608-103608 (2022-02-03)

Understanding the spatiotemporal distribution and dynamics of RAS on the plasma membrane (PM) is the key for elucidating the molecular mechanisms of the RAS signaling pathway. Single particle tracking (SPT) experiments show that in cells, KRAS diffuses in at least

Protein kinase C isoforms alpha, delta and theta require insulin receptor substrate-1 to inhibit the tyrosine kinase activity of the insulin receptor in human kidney embryonic cells (HEK 293 cells).

M Kellerer et al.

Diabetologia, 41(7), 833-838 (1998-08-01)

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Kinetic study on inhibition effects of dansyl-L-phenylalanine and L-phenylalanine on calf intestinal alkaline phosphatase.

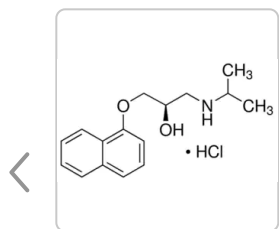
Li-Na Li et al.

Guang pu xue yu guang pu fen xi = Guang pu, 29(10), 2820-2823 (2009-12-30)

To evaluate the inhibition effect of dansyl-L-phenylalanine on calf intestinal alkaline phosphatase (CIAP), UV-Vis spectrophotometric method was employed. It was found that dansyl-L-phenylalanine can selectively inhibit CIAP. The kinetic inhibition processes of dansyl-L-phenylalanine and L-phenylalanine were comparatively studied. The authors'

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PRODUITS CONSULTÉS RÉCEMMENT



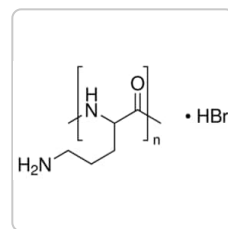
Sigma-Aldrich

P0689

(R)-(+)-Propranolol hydrochloride

≥98% (TLC)

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Sigma-Aldrich

P0671

Poly-DL-ornithine hydrobromide

mol wt >30,000

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Évaluations



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Questions

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