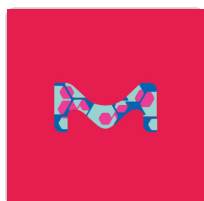


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Documents

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P4649 ▶ **Sigma-Aldrich.**

Phosphorylase b from rabbit muscle

★★★★★ (0)

For use as a marker in SDS-PAGE

Synonyme(s):

α-Glucan Phosphorylase, 1,4-α-D-Glucan:orthophosphate α-D-glucosyltransferase, Glycogen Phosphorylase

Numéro CAS: **9012-69-5**

Numéro EC: **232-737-0**

NACRES: NA.54

Numéro de classification
(Commission des enzymes): **2.4.1.1 (BRENDA, IUBMB)**

Numéro MDL: **MFCD00131905**

Référence	Conditionnement	Disponibilité	Prix	Quantité
P4649-1VL	1 VIAL	Only 2 left in stock (more on the way)	Détails... 68,10 €	- +

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[Ajouter au panier](#)

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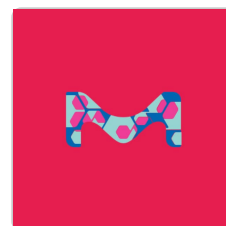
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Sigma-Aldrich

P6635

Phosphorylase b from rabbit muscle
lyophilized powder, ≥ 20 units/mg protein

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

C2273

Carbonic Anhydrase from bovine erythrocytes
For use as a marker in SDS-PAGE

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Niveau de qualité	200
Forme	powder
Poids mol.	observed mol wt ~97 kDa
Conditionnement	vial of 0.5 mg
Temp. de stockage	2-8°C

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

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Description générale

Phosphorylase b is a dimer, usually exists in inactive form in the skeletal muscles. Equilibrium exists between an active relaxed (R) state and a less active tense (T). Phosphorylase b favors the T state. The enzyme possesses three domains, the N-terminal domain, glycogen-binding domain and the C-terminal domain.

Application

Phosphorylase b from rabbit muscle has been used as a molecular weight marker in 12% polyacrylamide gel for keratinase, and stress-70 protein.

Phosphorylase b from rabbit muscle is to be used as a marker in SDS-PAGE. Phosphorylase b is used during chemical cross-linking studies as a SDS-PAGE molecular weight standard.

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

13 - Non 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)

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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

Plus De Documents

[Enzyme Explorer](#)

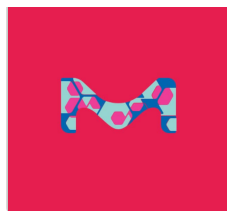
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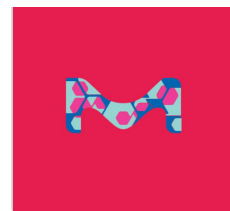
Sigma-Aldrich

C3666

Carbonic Anhydrase Isozyme II from bovine erythrocytes

Isoelectric focusing marker, pI 5.4

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

C7025

Carbonic Anhydrase from bovine erythrocytes

BioReagent, suitable for GFC marker

[Consulter le prix et la disponibilité](#)



QUESTIONS FRÉQUEMMENT POSÉES (FAQ)

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.

Has the amino acid sequence of phosphorylase from rabbit muscle been published?

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

Ask a Scientist [here](#).

ARTICLES REVUS PAR DES PAIRS

Signal Transduction and Protein Phosphorylation (2012)

Stress-70 proteins in marine mussel *Mytilus galloprovincialis* as biomarkers of environmental pollution: a field study

Hamer B, et al.

Environment International, 30(7), 873-882 (2004)

Crystallographic studies on the activity of glycogen phosphorylase b

Weber IT, et al.

Nature, 274(5670), 433-433 (1978)

Phosphorylase Is Regulated by Allosteric Interactions and Reversible Phosphorylation

Berg JM, et al.

Biochemistry (2011)

Thermal denaturation of the Na,K-ATPase provides evidence for alpha-alpha oligomeric interaction and gamma subunit association with the C-terminal domain.

C Donnet et al.

The Journal of biological chemistry, 276(10), 7357-7365 (2000-12-02)

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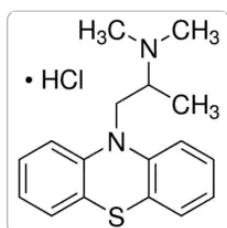


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Attacher tous les articles scientifiques apparentes

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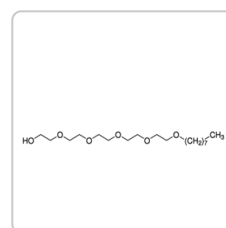


Sigma-Aldrich

P4651

Promethazine hydrochloride

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Sigma-Aldrich

P4654

Pentaethylene glycol monoethyl ether

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