

Recombinant rat PTP1B protein ab42573

描述

产品名称	重组大鼠PTP1B蛋白
生物活性	The specific activity of rat PTP1B was determined using pNPP. Enzyme reaction condition: 20 mM pNPP, 5 min incubation at 30C, 2 ug/ml enzyme.
纯度	> 95 % SDS-PAGE.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Rat
氨基酸	1 to 321
标签	GST tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab42573** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Inhibition Assay
形式	Liquid

制备和贮存

稳定性和存储	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.307% Glutathione, 0.0154% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.395% Tris HCl, 0.05% Tween, 50% Glycerol (glycerin, glycerine), 0.435% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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常规信息

功能	May play an important role in CKII- and p60c-src-induced signal transduction cascades.
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序列相似性	Belongs to the protein-tyrosine phosphatase family. Non-receptor class 1 subfamily. Contains 1 tyrosine-protein phosphatase domain.
翻译后修饰	Oxidized on Cys-215; the Cys-SOH formed in response to redox signaling reacts with the alpha-amido of the following residue to form a 4-amino-3-isothiazolidinone serine cross-link, triggering a conformational change that inhibits substrate binding and activity. The active site can be restored by reduction.
细胞定位	Endoplasmic reticulum membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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