

Recombinant human PTPRG protein ab42587

Description

Product name	Recombinant human PTPRG protein
Biological activity	10 U/ug. One unit will hydrolyze 1 nmol p-nitrophenyl phosphate per minute at pH 7.4 and 30°C. Assay buffer: 50 mM HEPES, pH 7.4, 2 mM EDTA, 3mM DTT, 100 mM NaCl, 50 mM pNPP.
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Amino acids	801 to 1147
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab42587** in the following tested applications.

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

Applications	Inhibition Assay
Form	Liquid
Additional notes	This product was previously labelled as PTP gamma

Preparation and Storage

Stability and Storage	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, 0.0584% EDTA, 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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General Info

Function	Possesses tyrosine phosphatase activity.
Tissue specificity	Found in a variety of tissues.
Sequence similarities	Belongs to the protein-tyrosine phosphatase family. Receptor class 5 subfamily. Contains 1 alpha-carbonic anhydrase domain. Contains 1 fibronectin type-III domain. Contains 2 tyrosine-protein phosphatase domains.
Cellular localization	Membrane.

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

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