

Recombinant human PTPRM protein ab42589

Description

Product name	Recombinant human PTPRM protein
Biological activity	680 U/ug. One unit will hydrolyze 1 pmol 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	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Amino acids	839 to 1100
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab42589** 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

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°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	Involved in cell-cell adhesion through homophilic interactions. May play a key role in signal
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transduction and growth control.

Sequence similarities

Belongs to the protein-tyrosine phosphatase family. Receptor class 2B subfamily.

Contains 4 fibronectin type-III domains.

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

Contains 1 MAM 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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