

Recombinant human PTPRS protein ab61149

2 Images

Description

Product name	Recombinant human PTPRS protein
Purity	> 90 % Densitometry.
Expression system	Escherichia coli
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	63 kDa including tags
Amino acids	883 to 1210
Tags	GST tag N-Terminus
Additional sequence information	GeneBank Accession number: NM_130855

Specifications

Our **Abpromise guarantee** covers the use of **ab61149** in the following tested applications.

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

Applications	SDS-PAGE Functional Studies
Form	Liquid

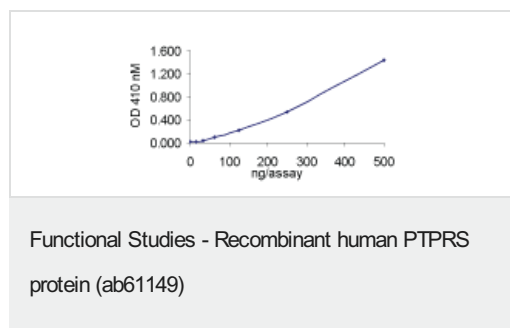
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.418% MOPS, 0.00174% PMSF, 0.00385% DTT, 30% Glycerol (glycerin, glycerine), 0.29% 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	Interacts with LAR-interacting protein LIP.1.
Tissue specificity	Detected in all tissues tested except for placenta and liver.
Sequence similarities	Belongs to the protein-tyrosine phosphatase family. Receptor class 2A subfamily. Contains 8 fibronectin type-III domains. Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 2 tyrosine-protein phosphatase domains.
Post-translational modifications	A cleavage occurs, separating the extracellular domain from the transmembrane segment. This process called 'ectodomain shedding' is thought to be involved in receptor desensitization, signal transduction and/or membrane localization.
Cellular localization	Membrane.

Images



Sample Kinase Activity Plot.



ab61149 on SDS-PAGE, MW ~63 kDa.

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

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