

Product datasheet

Recombinant human PTPN9 protein ab42577

Description

Product name	Recombinant human PTPN9 protein
Biological activity	Specific Activity: 2 U/ug. One unit will hydrolyze 1 nmol p-nitrophenyl phosphate per minute at pH 7.4 and 30C. Assay buffer: 50 mM HEPES, pH 7.4, 2 mM EDTA, 3mM DTT, 100 mM NaCl, 50 mM pNPP.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>AMTIQE LVDYVNARQK QGYEEYEDI RRENVPVGFH CSMSPGNLEK NRYGDVPCLD QTRVKLTKRS GHTQTDYINA SFMDGYKQKN AYIGTQGGLE NTYRDFWLMV WEQKVLVIM TTRFEEGGRR KCGQYWPLEK DSRIRFGFLT VTNLGVENMN HYKKTLEIH NTEERQKRQV THFQFLSWPD YGVPSSAASL IDFLRVVRNQ QSLAVSNMGA RSKGQCPEPP IVVHCSAGIG RTGTFCSLDI CLAQLEELGT LNVFQTVSRM RTQRAFSIQT PEQYYFCYKA ILEFAEKEGM VSSGQNLLAV ESQ</p>
Predicted molecular weight	60 kDa including tags
Amino acids	285 to 593
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab42577** 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 -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.307% Glutathione, 0.0154% DTT, 0.395% Tris HCl, 0.05% Tween, 0.0584% EDTA, 50% Glycerol, 0.435% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function

Protein-tyrosine phosphatase that could participate in the transfer of hydrophobic ligands or in functions of the Golgi apparatus.

Sequence similarities

Belongs to the protein-tyrosine phosphatase family. Non-receptor class 3 subfamily.

Contains 1 CRAL-TRIO domain.

Contains 1 tyrosine-protein phosphatase domain.

Cellular localization

Cytoplasm.

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

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