

Product datasheet

Recombinant Human PTP4A2 protein ab100985

[1 Image](#)

Overview

Product name	Recombinant Human PTP4A2 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	Q12974-1
Species	Human
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMNRP APVEISYENM RFLITHNPTN ATLNKFTEEL KKYGVTTLVR VCDATYDKAP VEKEGIHVLDPWFDDGAPPP NQMDDWLNL LKTKFREEPG CCVAVHCVAG LGRAPVLVAL ALIECGMKYE DAVQFIRQKR RGAFNSKQLL YLEKYRPMR LRFRDTNGHC CVQ

Molecular weight	23 kDa including tags
Amino acids	1 to 167
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab100985** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Purity	> 90 % SDS-PAGE.
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Preservative: 0% None

Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0

General Info

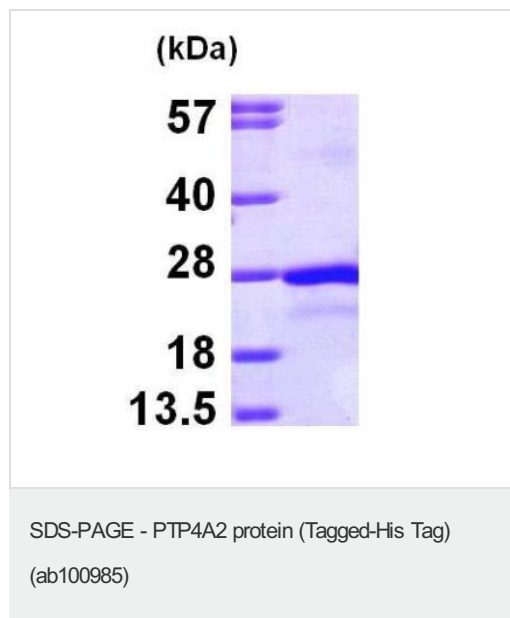
Relevance

Protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. Promotes tumors. Inhibits geranylgeranyl transferase type II activity by blocking the association between RABGGTA and RABGGTB. Ubiquitously expressed, with highest levels in skeletal muscle, heart and thymus. Overexpressed in prostate tumor tissue.

Cellular localization

Cell Membrane, Early Endosome and Cytoplasm.

Images



ab100985 at 3 µg analysed by 15% SDS-PAGE.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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