

Product datasheet

Recombinant Human PTPN18 protein ab161978

1 Image

Overview

Product name	Recombinant Human PTPN18 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	MSRSLDSARSFLERLEARGGREGAVLAGEFSKRCER YWAQEQEPLQTGLF CITLIKEKWLNEDIMLRCLKVTFQKESRSVYQLQYMSW PDRGVPSSPDHM LAMVEEARRLQGSGPEPLCVHCSAGCGRTGVLCTVD YVRQLLLTQMIPPD FSLFDVVLKMRKQRPAAVQTEEQYRFLYHTVAQMFCF TLQNASPHYQNIK ENCAPLYDDALFLRTPQALLAIPRPPGGVLRISVPGS PGHAMADTYAVV QKRGAPAGAGSGTQTGTGTGARSAAEEAPLYSKVTPR AQRPGAHAEDARGT LPGRVPADQSPAGSGAYEDVAGGAQTGGLGFNLRIG RPKGPRDPPAEWTR V
Amino acids	1 to 351
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab161978** in the following tested applications.

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

Applications	ELISA Western blot
Form	Liquid

Additional notes

Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage**Stability and Storage**

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info**Function**

Differentially dephosphorylate autophosphorylated tyrosine kinases which are known to be overexpressed in tumor tissues.

Tissue specificity

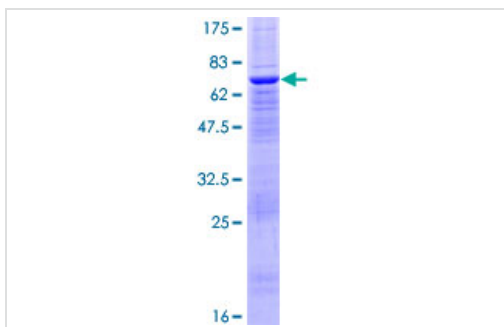
Expressed in brain, colon and several tumor-derived cell lines.

Sequence similarities

Belongs to the protein-tyrosine phosphatase family. Non-receptor class 4 subfamily. Contains 1 tyrosine-protein phosphatase domain.

Cellular localization

Nucleus. Cytoplasm.

Images

ab161978 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human PTPN18 protein
(ab161978)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors