

Datasheet for ABIN7555087
PTPN3 Protein (AA 1-913) (His tag)



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Overview

Quantity:	1 mg
Target:	PTPN3
Protein Characteristics:	AA 1-913
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTPN3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PTPN3 Protein expressed in mammalian cells.
Sequence:	<p>MTSRLRALGG RINNIRTSEL PKEKTRSEVI CSIHFLDGVV QTFKVTQDT GQVLLDMVHN HLGVTEKEYF GLQHDDDSVD SPRWLEASKA IRKQLKGGFP CTLHFRVRF IPDPNTLQQE QTRHLYFLQL KMDICEGRLT CPLNSAVVLA SYAVQSHFGD YNSSIHHPGY LSDSHFIPDQ NEDFLTKVES LHEQHSLKQ SEAESCYINI ARTLDFYGV LHSGRDLHNL DLMIGIASAG VAVYRKYICT SFYPWVNILK ISFKRKKFFI HQRQKQAESR EHIVAFNMLN YRSCKNLWKS CVEHHTFFQA KKLLPQEKV LSQYWTMGSR NTKKSVNNQY CKKVIGGMVW NPAMRRSLV EHLETKSLPS RSPITPNWR SPRLRHEIRK PRHSSADNLA NEMTYITETE DVFYTYKGS APQSDSEVS QNRSPHQESL SENNPAQSYL TQKSSSSVSP SSNAPGSCSP DGVDQQLLDD FHRVTKGGST EDASQYYCDK NDNGDSYLV LIRITPDEDGK FGFNLKGGVD QKMPLVVSRI NPESPADTCI PKLNEGQIV LINGRDISEH THDQVVMFIK ASRESHSREL ALVIRRRAVR SFADFKSEDE LNQLFPEAIF PMCPEGDTL EGSMAQLKKG LESGTVLIQF EQLYRKKPGL AITFAKLPQN LDKNRYKDV L PYDTTRVLLQ GNEDYINASY VNMEIPAANL VNKYIATQGP</p>

Product Details

LPHTCAQFWQ VWDQKLSLI VMLTTLTERG RTKCHQYWPD PPDVMNHGGF HIQCQSEDCT
IAYVSREMLV TNTQTGEEHT VTHLQYVAWP DHGVPDDSSD FLEFVNYVRS LRVDSEPLV
HCSAGIGRTG VLVTMETAMC LTERNLPIYP LDIVRKMRDQ RAMMVQTSSQ YKFCVCEAILR
VYEEGLVQML DPS **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PTPN3

Alternative Name: PTPN3 ([PTPN3 Products](#))

Background: Tyrosine-protein phosphatase non-receptor type 3 (EC 3.1.3.48) (Protein-tyrosine phosphatase H1) (PTP-H1),FUNCTION: May act at junctions between the membrane and the cytoskeleton. Possesses tyrosine phosphatase activity.

Molecular Weight: 104.0 kDa

Target Details

UniProt: [P26045](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months