

Datasheet for ABIN7562475

PTPN20 Protein (AA 1-426) (His tag)



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Overview

Quantity:	1 mg
Target:	PTPN20 (PTPN20B)
Protein Characteristics:	AA 1-426
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTPN20 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ptpn20 Protein expressed in mammalien cells.
Sequence:	<p>MSSPRKVRGK TGRDNDEEEG NSGNLNLNRNS LPSSSQKMTP TKPIFGNKMN SENVKPSHHL SFSDKYELVY PEPLESDTDE TVWDVSDRSL RNRWNSMDSE TAGPSKTVSP VLSGSSRLSK DTETSVSEKE LTQLAQIRPL IFNSSARSAM RDCLNTLQKK EELDIREFL ELEQMTLPDD FNSGNTLQNR DKNRYRDILP YDSTRVPLGK NKDYINASYI RIVNHEEEYF YIATQGPLPE TIEDFWQMVLENNCNVIAMI TREIECGVIK CYSYWPISLK EPLEFEHFSV FLETFHVTQY FTVRVFQIVK KSTGKSQCVR HLQFTKWPDH GTPASADFFI KYVRYVRKSH ITGPLLVHCS AGVGRTGVFI CVDVVFSAIE KNYSFDIMNI VTQMRKQRCG MIQTKEQYQF CYEIVLEVLQ NLLALY</p> <p>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.</p>
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	PTPN20 (PTPN20B)
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Alternative Name:	Ptpn20 (PTPN20B Products)
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Background:	Tyrosine-protein phosphatase non-receptor type 20 (EC 3.1.3.48) (Testis-specific tyrosine phosphatase),FUNCTION: Tyrosine-protein phosphatase targeted to sites of actin polymerization in response of varied extracellular stimuli. Has tyrosine phosphatase activity towards various tyrosyl phosphorylated substrates.
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Molecular Weight:	49.1 kDa
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UniProt:	O55082
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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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