

Datasheet for ABIN7563945

PTPN21 Protein (AA 1-1176) (His tag)



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Overview

Quantity:	1 mg
Target:	PTPN21
Protein Characteristics:	AA 1-1176
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTPN21 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ptpn21 Protein expressed in mammalien cells.
Sequence:	MPLPFGLKLLK RTRRYTVSSK SCLVARIQLL NNEFVEFTLS VESTGQESLE AVAQRLELRE VTYFSLWYYN KQNQRRWVDL EKPLKKQLDK HALEPTVYFG VLFYVPSVSQ LQQEITRYQY YLQLKKDILE GNLPCLEHA IQLAGLAVQA DFGDFDQYES QDFLQKFALL PVAWLQDEKV LEEAAQKVAL LHQKYRGLTA PEAELLYMQE VERMDGYGEE SYPAKDSQGS DISIGACLDG IFVKHKNGRP PVVFRWHDIA NMSHNKSFFA LELANKEETI QFQTEDMETA KYVWRLCVAR HKFYRLNQCS LQTQAATLNS VRRDSSSRMS LPKPQPYAMP PPPQLHYNGH YTEPFASSQD NIFVPNKNGF YCHSQTSLDR TQIDLSGRIR NGSVYSAHST NSLNTLQPYL QPSPMSSNPS ITGSDVMRPD SLPSHRHSAL IPPSYRPTPD YETVMKQLNR GMVHADRHSH SLRNLNIGSS YAYSRPDALV YSQPEIREHP HLTSPQSAHY PFNLNYSFHS QSPYPYPAER RPVVGAVSVP ELTNVQLQAQ DYPAPNIMRT QVYRPPPPYP YPRPANSTPD LSRHLYISSS NPDLITRRVH HSVQTFQEDS LPVAHSLQEV SEPLTAARHA HLQKRNSIEI AGLTHGFEGL RLKERTVSAS

AADVAPRTFS AGSQSSVFSD KMKQEGTEEQ EGGRYSHKKS LSDATMLIDS SEEDLEED
SSREQAISAV SEPRLTAAFS QELNYPCASA TPITGPLHIF EPKPHVTEPE KRAKDISPVH
LVVETHRPRR DGLLTSMSE SDLTTSGRYR ARRDSVKKRP VSDLLSGKKS AVEGLPPLGG
MKKTRADAKK IGPLKLAALN GLSLRRLPLP DEGKEVSTRA TNDERCKVLE QRLEQGMVFT
EYERILKKRL VDGECESTARL PENAERNRFQ DVLPYDDARV ELVPTKENNT GYINASHIKV
SVSGIEWDYI ATQGQLQNTC QDFWQMVWEQ GVAIIAMVTA EEEGGREKSF RYWPRLGSRH
NTVTYGRFKI TTRFRDSDGC YATTGLKMKH LLTGQERTVW HLQYTDWPEH GCPEDLKGFL
SYLEEIQSVR RHTNSTSEPK SHNPPLLVC SAGVGRTGVV ILSEIMVACL EHNEVLDIPR
VLDMLRQQRMLVQTLGQYT FVYRVLIQFL KSSRLI

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.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	PTPN21
Alternative Name:	Ptpn21 (PTPN21 Products)
Background:	Tyrosine-protein phosphatase non-receptor type 21 (EC 3.1.3.48) (Protein-tyrosine phosphatase

Target Details

	PTP-RL10),FUNCTION: May be involved in the regulation of growth and differentiation of liver cells.
Molecular Weight:	133.5 kDa
UniProt:	Q62136

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.
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