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Datasheet for ABIN2730124 PTPN7 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image

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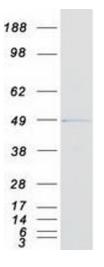
Quantity:	20 µg
Target:	PTPN7
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTPN7 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human PTPN7 / HEPTP (transcript variant 1) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	PTPN7
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Alternative Name:	Ptpn7,heptp (PTPN7 Products)
Background:	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP)
	family. PTPs are known to be signaling molecules that regulate a variety of cellular processes
	including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This gene is

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Target Details

	preferentially expressed in a variety of hematopoietic cells, and is an early response gene in lymphokine stimulated cells. The non-catalytic N-terminus of this PTP can interact with MAP
	kinases and suppress the MAP kinase activities. This PTP was shown to be involved in the
	regulation of T cell antigen receptor (TCR) signaling, which was thought to function through
	dephosphorylating the molecules related to MAP kinase pathway. Multiple alternatively spliced
	transcript variants have been found for this gene.
Molecular Weight:	40.3 kDa
NCBI Accession:	NP_002823
Anglianting Dataila	
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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