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PTPRA Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image



Overview	
Quantity:	20 μg
Target:	PTPRA
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTPRA protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human PTPRA (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:	PTPRA
Alternative Name:	Ptpra (PTPRA 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 PTP

contains an extracellular domain, a single transmembrane segment and two tandem

Target Details

intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. This PTP has
been shown to dephosphorylate and activate Src family tyrosine kinases, and is implicated in
the regulation of integrin signaling, cell adhesion and proliferation. Three alternatively spliced
variants of this gene, which encode two distinct isoforms, have been reported.

Molecular Weight:	88.7 kDa
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NCBI Accession: NP_002827

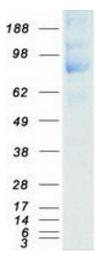
Application Details

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.

Images



Western Blotting

Image 1. Validation with Western Blot