

Product datasheet for TP315011

SAP1 (PTPRH) (NM_002842) Human Recombinant Protein

Product data:

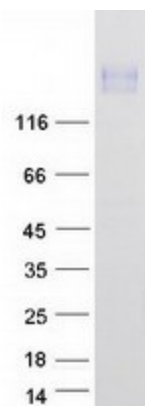
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein tyrosine phosphatase, receptor type, H (PTPRH), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215011 representing NM_002842 Red =Cloning site Green =Tags(s)
	<p>MAGAGGGLGVWGNLVLGLCSWTGARAPAPNPGRNLTVETQTTSSISLSWEVPDGLDSQNSNYWVQCTGD GGTTETRNTTATNVTVDGLGPGSLYTCVWVEKDGVNSSVGTVTATAPNPVRNLRVEAQTNSSIALTWE VPDGPDPQNSTYGVEYTDGGGRAGTRSTAHTNITVDGLEPGCLYAFSMWVGKNGINSSRETRNATTAHNP VRNLRVEAQTSSISLSWEVPDGTDPQNSTYCVQCTGDGGRTETRNITDTRVTVDGLGPGSLYTCVWVE KDVNSSVEIVTSATAPNPVRNLTVEAQTNSSIALTWEVPDGPDPQNSTYGVEYTDGGGRAGTRSTAYTN ITVDRLEPGCLYVFSVWVGKNGINSSRETRNATTAAPNPVRNLHMETQTNSSIALCWEVPDGPYPQDYTYW VEYTDGGGTETRNITNTSVTAERLEPGTLYFVSWAEKNGARGSRQNVSISTVNAVTSLSKQDWTNST IALRWTAPQGPQSSYSYVWSVWVREGMTDPRQTSTSGTDITLKELEAGSLYHLLTVAERNEVRGYNSTLT AATAPNEVTDLQNETQTKNSVMLWWKAPGDPHSQLYVYVWQWASKGHPRRGQDPQANWVNQTSRTNETWY KVEALEPGTLYNFTVWAERNDVASSTQSLCASTYPDVTITSCVSTSAGYGVNLIWSCPQGGYEAFELEV GGQRGSQDRSSCGEAVSVLGLGPARYPATITTIWDMKVVSHSVVCHTESAGVIAGAFVIGILLFLILVG LLIFFLKRNRKKKQKPELRDLVFSSPGDIPAEDFADHVRKNERDSNCGFADEYQQLSLVGHSSQSMVAS ASENNAKNRYRNVLPHYDWSRVPLKPIHEEPGSDYINASFMPGLWSPQEFATQGPLPQTVGDFWRLVWEQ QSHTLVMLTNCMEAGRVKCEHYWPLDSQPCTHGHLRVTLVGEVMMENWTVRELLLLQVEEQKTLVSRQFH YQAWPDHGVSPSPDTLLAFWRMLRQWLDQTMEGGPPIVHCSAGVGRGTGLIALDVLRLQLQSEGLLGPFS FVRKMRESRPLMVQTEAQYVFLHQILRFLQQAQAPAEKEVPYEDVENLIYENVAIQAHKLEV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	122.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002833
Locus ID:	5794
UniProt ID:	Q9HD43
RefSeq Size:	3895
Cytogenetics:	19q13.42
RefSeq ORF:	3345
Synonyms:	R-PTP-H; SAP1
Summary:	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 possesses an extracellular region, a single transmembrane region, and a single intracytoplasmic catalytic domain, and thus represents a receptor-type PTP. The extracellular region contains eight fibronectin type III-like repeats and multiple N-glycosylation sites. The gene was shown to be expressed primarily in brain and liver, and at a lower level in heart and stomach. It was also found to be expressed in several cancer cell lines, but not in the corresponding normal tissues. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2009]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified PTPRH protein (Cat# TP315011). The protein was produced from HEK293T cells transfected with PTPRH cDNA clone (Cat# [RC215011]) using MegaTran 2.0 (Cat# [TT210002]).