

Recombinant Human PTPRH Protein, MYC/DDK-tagged

Cat. No. PTPRH-3117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRH protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	122.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	PTPRH protein tyrosine phosphatase, receptor type, H [Homo sapiens]
Official Symbol	PTPRH
Synonyms	R-PTP-H; SAP1
Gene ID	5794
mRNA Refseq	NM_001161440
Protein Refseq	NP_001154912
MIM	602510
UniProt ID	Q9HD43

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