Recombinant Human PTPN13 protein, His-tagged

Cat. No. PTPN13-3728H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN13 protein(1-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MHVSLAEALEVRGGPLQEEEIWAVLNQSAESLQELFRKVSLADPAALGFIISPWSLLL LPSGSVSFTDENISNQDLRAFTAPEVLQNQSLTSLSDVEKIHIYSLGMTLYWGADYEV PQSQPIKLGDHLNSILLGMCEDVIYARVSVRTVLDACSAHIRNSNCAPSFSYVKHLVK LVLGNLSGTDQLSCNSEQKPDRSQAIRDRLRGKGLPTGRSSTSDVLDIQKPPLSHQT FLNKGLSKSMGFLSIKDTQDENYFKDILSDNSGREDSENTFSPYQFKTSGPEKKPIP GIDVLSKKKIWASSMDLLCTADRDFSSGETATYRRCHPEAVTVRTSTTPRKKEARYS DGSIA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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	containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PTPN13 protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase) [Homo sapiens]
Official Symbol	PTPN13
Synonyms	PTPN13; protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase); tyrosine-protein phosphatase non-receptor type 13; PTP BAS; PTP BL; PTP1E; PTPL1; hPTPE1; protein-tyrosine phosphatase 1E; protein-tyrosine phosphatase PTPL1; fas-associated protein-tyrosine phosphatase 1; PNP1; FAP-1; PTPLE; PTP-BL; hPTP1E; PTP-BAS; DKFZp686J1497;
Gene ID	5783
mRNA Refseq	NM_006264
Protein Refseq	NP_006255
MIM	600267
UniProt ID	Q12923

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