

Recombinant Human PTPN4 protein, GST-tagged

Cat. No. PTPN4-683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN4 protein(NP_002821)(604-927 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	604-927 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	NAVYDVVEEKLENEPDFQYIPEKAPLDSVHQDDHSLRESMIQLAEGITGVLTQFD QLYRKKPGMTMSCAKLPQNISKNNRYRDISPYDATRVILKGNEDYINANYINMEIPSSSI INQYIACQGPLPHTCTDFWQMTWEQGSSMVVMLTTQVERGRVKCHQYWPEPTGS SSYGCYQVTCHSEEGNTAYIFRKMTLFNQEKNESRPLTQIQYIAWPDHGVDPDDSSD FLDFVCHVRNKRAGKEEPVVHCSAGIGRTGVLITMETAMCLIECNQPVYPLDIVRT MRDQRAMMIQTPSQYRFVCEAILKVYEEGFVKPLTTSTNK
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
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	PTPN4 protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte) [Homo sapiens]
Official Symbol	PTPN4
Synonyms	PTPN4; protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte); tyrosine-protein phosphatase non-receptor type 4; PTPMEG; MEG; PTPase-MEG1; megakaryocyte phosphatase; protein tyrosine phosphatase MEG1; protein-tyrosine phosphatase MEG1; megakaryocyte protein-tyrosine phosphatase; PTPMEG1;
Gene ID	5775
mRNA Refseq	NM_002830
Protein Refseq	NP_002821
MIM	176878
UniProt ID	P29074