

Recombinant Human PTPN1 protein, His&Myc-tagged

Cat. No. PTPN1-3388H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN1 protein(P18031)(1-321aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-321aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	44.8 kDa
AA Sequence	MEMEKEFEQIDKSGSWAAIYQDIRHEASDFPCRVAKLPKNKNRNRVSPFDHSR IKLHQEDNDYINASLIKMEEAQRSYILTQGPLPNTCGHFWEMVWEQKSRGVVMLNR VMEKGSCLKAQYWPQKEEKEMIFEDTNLKLTLISEDIKSYTVRQLELENLTTQETRE ILHFHYTTWPDFGVPEPASFLNFLFKVRESGSLSPEHGPVVVHCSAGIGRSGTFCL ADTCLLLMDKRKDPSSVDIKKVLLEMRKFRMGLIQTADQLRFSYLAVIEGAKFIMGDS SVQDQWKELSHEDLEPPPEHIPPPRPPKRILEPHN
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION
Gene Name

PTPN1 protein tyrosine phosphatase, non-receptor type 1 [Homo sapiens]

Official Symbol

PTPN1

Synonyms

PTPN1; protein tyrosine phosphatase, non-receptor type 1; PTP1B; tyrosine-protein phosphatase non-receptor type 1; protein tyrosine phosphatase 1B; protein-tyrosine phosphatase 1B; protein tyrosine phosphatase, placental;

Gene ID

5770

mRNA Refseq

NM_002827

Protein Refseq

NP_002818

MIM

176885

UniProt ID

P18031

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