

## Recombinant Human PTPN1 protein, His&Myc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PTPN1 protein(P18031)(1-321aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-321aa
<b>Form</b>	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.
<b>Molecular Mass</b>	44.8 kDa
<b>AA Sequence</b>	MEMEKEFEQIDKSGSWAAIYQDIRHEASDFPCRVAKLPKNKNRNRVSPFDHSR IKLHQEDNDYINASLIKMEEAQRSYILTQQPLPNTCGHFWEMVWEQKSRGVVMLNR VMEKGSCLKCAQYWPKKEEKEMIFEDTNLKLTLISEDIKSYTYRQLELENLTTQETRE ILHFHYTTWPDFGVPEPASFLNFLFKVRESGSLSPEHGPVVVHCSAGIGRSGTFCL ADTCLLLMDKRKDPSSVDIKKVLLEMRKFRMGLIQTADQLRFSYLAVIEGAKFIMGDS SVQDQWKELSHEDLEPPPEHIPPPRPPKRILEPHN
<b>Purity</b>	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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