

Recombinant Human PTPN2(Met1-Asn314) Protein, C-6*His-tagged

Cat. No. PTPN2-85H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN2(P17706)(Met1-Asn314) Protein, fused with a 6*His tag at the C-terminus, was produced in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-314 a.a.
Form	Supplied as a 0.2 µm filtered solution of 20mM HEPES, 300Mm NaCl, 1mM DTT, 10% Glycerol, pH 7.4.
Molecular Mass	The recombinant Human PTPN2 Protein has a predicted molecular mass of 37.4kDa, it migrates with an apparent molecular mass of 35-40kDa under reducing conditions.
AA Sequence	Met1-Asn314
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration	Please refer to the COA for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	PTPN2 protein tyrosine phosphatase, non-receptor type 2 [Homo sapiens]
Official Symbol	PTPN2
Synonyms	PTPN2; protein tyrosine phosphatase, non-receptor type 2; PTPT; tyrosine-protein phosphatase non-receptor type 2; TC PTP; TCELLPTP; TCPTP; T-cell protein tyrosine phosphatase; PTN2; TC-PTP;
Gene ID	5771
mRNA Refseq	NM_001207013
Protein Refseq	NP_001193942
MIM	176887
UniProt ID	P17706