

## Recombinant Human PTPN1, His tagged

Cat. No. PTPN1-764H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PTPN1 (NP_002818.1) (Glu 2 -Asn 321), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-321 a.a.
<b>Form</b>	Lyophilized from sterile 10mM HEPES, 500mM NaCl, 1mM DTT, 1mM EDTA, pH 7.5
<b>Molecular Mass</b>	The recombinant human PTPN1 consisting of 327 amino acids and has a calculated molecular mass of 38 kDa. It migrates as an approximately 36 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION**

<b>Gene Name</b>	PTPN1 protein tyrosine phosphatase, non-receptor type 1 [ Homo sapiens ]
<b>Official Symbol</b>	PTPN1
<b>Gene ID</b>	5770
<b>mRNA Refseq</b>	NM_002827
<b>Protein Refseq</b>	NP_002818
<b>MIM</b>	176885
<b>UniProt ID</b>	P18031

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA