

Recombinant Human PTPN2, GST-tagged

Cat. No. PTPN2-2056H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-346aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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Gene ID	5771
mRNA Refseq	NM_001207013
Protein Refseq	NP_001193942
MIM	176887
UniProt ID	P17706
Chromosome Location	18p11.3-p11.2
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon gamma signaling, organism-specific biosystem; Regulation of IFNG signaling, organism-specific biosystem;
Function	hydrolase activity; non-membrane spanning protein tyrosine phosphatase activity; protein binding; protein tyrosine phosphatase activity; protein tyrosine phosphatase activity; receptor activity;