

Recombinant Human PTPN7, GST-tagged

Cat. No. PTPN7-2058H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN7 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-399aa
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	PTPN7 protein tyrosine phosphatase, non-receptor type 7 [Homo sapiens]
Official Symbol	PTPN7
Synonyms	PTPN7; protein tyrosine phosphatase, non-receptor type 7; tyrosine-protein phosphatase non-receptor type 7; HEPTP; LC PTP; dual specificity phosphatase 1; protein-tyrosine phosphatase LC-PTP; hematopoietic protein-tyrosine phosphatase; protein-tyrosine phosphatase, nonreceptor-type, stress induced; LPTP; PTPNI;

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	BPTP-4; LC-PTP; FLJ18703;
Gene ID	5778
mRNA Refseq	NM_001199797
Protein Refseq	NP_001186726
MIM	176889
UniProt ID	P35236
Chromosome Location	1q32.1
Pathway	Downstream signaling in naive CD8+ T cells, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Ras signaling in the CD4+ TCR pathway, organism-specific biosystem;
Function	hydrolase activity; protein tyrosine phosphatase activity;