

## Recombinant Human PTPN7, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PTPN7 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-399aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PTPN7 protein tyrosine phosphatase, non-receptor type 7 [ Homo sapiens ]
<b>Official Symbol</b>	PTPN7
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">5778</a>
<b>mRNA Refseq</b>	<a href="#">NM_001199797</a>
<b>Protein Refseq</b>	<a href="#">NP_001186726</a>
<b>MIM</b>	<a href="#">176889</a>
<b>UniProt ID</b>	<a href="#">P35236</a>
<b>Chromosome Location</b>	1q32.1
<b>Pathway</b>	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;
<b>Function</b>	hydrolase activity; protein tyrosine phosphatase activity;

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