

Recombinant Human PTPRF, GST-tagged

Cat. No. PTPRF-2062H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRF protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1549-1898aa
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	PTPRF protein tyrosine phosphatase, receptor type, F [Homo sapiens]
Official Symbol	PTPRF
Synonyms	PTPRF; protein tyrosine phosphatase, receptor type, F; LAR; receptor-type tyrosine-protein phosphatase F; LCA-homolog; leukocyte common antigen related; leukocyte antigen-related (LAR) PTP receptor; leukocyte antigen-related tyrosine phosphatase; receptor-linked protein-tyrosine phosphatase LAR; protein tyrosine phosphatase,

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receptor type, F polypeptide; FLJ43335; FLJ45062; FLJ45567;

Gene ID [5792](#)

mRNA Refseq [NM_002840](#)

Protein Refseq [NP_002831](#)

MIM [179590](#)

UniProt ID [P10586](#)

**Chromosome
Location** 1p34

Pathway

Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Insulin Signaling, organism-specific biosystem; Insulin signaling pathway, organism-specific biosystem; Insulin signaling pathway, conserved biosystem;

Function

hydrolase activity; insulin receptor binding; phosphate ion binding; protein tyrosine phosphatase activity; receptor activity; receptor tyrosine kinase binding; transmembrane receptor protein tyrosine phosphatase activity;

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