

Recombinant Human PTPRS protein, GST-tagged

Cat. No. PTPRS-301632H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRS (25-128 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly25-Pro128
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	GGCAAEEPPRFIKEPKDQIGVSGGVASFVCQATGDPKPRVTWNKKGKKVNSQRFE TIEFDESAGAVLRIQPLRTPRDENVYECVAQNSVGEITVHAKLTVLRGP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	PTPRS protein tyrosine phosphatase, receptor type, S [Homo sapiens]
Official Symbol	PTPRS
Synonyms	PTPRS; protein tyrosine phosphatase, receptor type, S; receptor-type tyrosine-protein phosphatase S; R-PTP-S; R-PTP-sigma; protein tyrosine phosphatase PTPsigma; receptor-type tyrosine-protein phosphatase sigma; protein tyrosine phosphatase, receptor type, sigma; PTPSIGMA;
Gene ID	5802
mRNA Refseq	NM_002850
Protein Refseq	NP_002841
MIM	601576
UniProt ID	Q13332

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