

Recombinant Human PTPRZ1 protein, GST-tagged

Cat. No. PTPRZ1-3684H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRZ1 protein(421-648 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	421-648 aa
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. The elution buffer contain 100mM GSH.
AA Sequence	LIGTEEIIKEEEEGKDIEEGAIVNPGRDSATNQIRKKEPQISTTTHYNRIGTKYNEAKTN RSPTRGSEFSGKGDVPNTSLNSTSQPVTKLATEKDISLTSQTVTELPHTVEGTSAS LNDGSKTVLRSPHNMNLSGTAESLNTVSITEYEEESLLTSFKLDTGAEDSSGSSPATS AIPFISENISQGYIFSSENPETITYDVLIPESARNASEDSTSSGSEESLKDPS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	PTPRZ1 protein tyrosine phosphatase, receptor-type, Z polypeptide 1 [Homo sapiens]
Official Symbol	PTPRZ1
Synonyms	PTPRZ1; protein tyrosine phosphatase, receptor-type, Z polypeptide 1; PTPRZ, PTPZ; receptor-type tyrosine-protein phosphatase zeta; phosphacan; PTP18; RPTPB; R-PTP-zeta-2; receptor-type tyrosine phosphatase beta/zeta; protein-tyrosine phosphatase receptor type Z polypeptide 2; protein tyrosine phosphatase, receptor-type, zeta polypeptide 1; PTPZ; HPTPZ; PTPRZ; HPTPzeta; PTP-ZETA; RPTPbeta;
Gene ID	5803
mRNA Refseq	NM_001206838
Protein Refseq	NP_001193767
MIM	176891
UniProt ID	P23471

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