

Recombinant Human PTPRD protein, His-tagged

Cat. No. PTPRD-3740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRD protein(541-829 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	541-829 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SDTIANYELVYKDGEHGEEQRITIEPGTSYRLQGLKPNSLYYFRLAARSPQGLGAST AEISARTMQSMFAKNFHVKAVMKTSVLLSWEIPENYNSAMPFKILYDDGKMVEEVD GRATQKLIVNLKPEKSYSFVLNTRGNSAGGLQHRVTAKTAPDVLRTKPAFIGKTNLD GMITVQLPEVPANENIKGYIIIVPLKKS RGKFIKPWESPDEMELDELLKEISRKRRSIR YGREVELKPYIAAHFDVLPTEFTLGDDKHYYGGFTNKQLQSGQEYVFFVLAVMEHAE SKM
Purity	95%, 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

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cycles.

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.

GENE INFORMATION

Gene Name

[PTPRD protein tyrosine phosphatase, receptor type, D \[Homo sapiens \]](#)

Official Symbol

[PTPRD](#)

Synonyms

PTPRD; protein tyrosine phosphatase, receptor type, D; receptor-type tyrosine-protein phosphatase delta; HPTP; PTPD; R-PTP-delta; protein-tyrosine phosphatase delta; protein tyrosine phosphatase, receptor type, delta polypeptide; HPTPD; HPTPDELTA; RPTPDELTA; MGC119750; MGC119751; MGC119752; MGC119753;

Gene ID

[5789](#)

mRNA Refseq

[NM_001040712](#)

Protein Refseq

[NP_001035802](#)

MIM

[601598](#)

UniProt ID

[P23468](#)

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