

Recombinant Human PTPRB protein, His-SUMO-tagged

Cat. No. PTPRB-3391H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRB protein(P23467)(1643-1997aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1643-1997aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	57.4 kDa
AA Sequence	RQKVSHGRERPSARLSIRDRPLSVHLNLGQKGNRKTSCPIKINQFEGHFMKLQAD SNYLLSKEYEELKDVGRNQSCDIALLPENRGKNRYNNILPYDATRVKLSNVDDDDPCS DYINASYIPGNNFRREYIVTQGPLPGTKDDFWKMWVEQNVHNVMTVCVEKGRVK CDHYWPADQDSLYYGDLILQMLSESVLPEWTIREFKICGEEQLDAHRLIRHFHYTVW PDHGVPETTQSLIQFVRTVRDYINRSPGAGPTVVHCSAGVGRTGTFIALDRILQQLD SKDSVDIYGAVHDLRLHRVHVMVQTECQYVYLHQCVRDVLRLRSEKENPLFPIY ENVNPEYHRDPVYSRH
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	PTPRB protein tyrosine phosphatase, receptor type, B [Homo sapiens]
Official Symbol	PTPRB
Synonyms	PTPRB; protein tyrosine phosphatase, receptor type, B; PTPB; receptor-type tyrosine-protein phosphatase beta; VE-PTP; vascular endothelial protein tyrosine phosphatase; protein tyrosine phosphatase, receptor type, beta polypeptide; HPTPB; VEPTP; HPTP-BETA; R-PTP-BETA; FLJ44133; MGC59935; MGC142023; DKFZp686E2262; DKFZp686H15164;
Gene ID	5787
mRNA Refseq	NM_001109754
Protein Refseq	NP_001103224
MIM	176882
UniProt ID	P23467