

Recombinant Mouse PTPN6 protein, His&GST-tagged

Cat. No. PTPN6-0257M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PTPN6 protein(P29351-2)(Ala207-Lys597), fused with His and GST tag, was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	207-597 a.a.
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.0, 10% glycerolPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse PTPN6/GST chimera consists of 628 amino acids and has a calculated molecular mass of 72.7 kDa. The recombinant protein migrates as an approximately 63 kDa band in SDS-PAGE under reducing conditions.
Proteinlength	Ala207-Lys597
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Ptpn6 protein tyrosine phosphatase, non-receptor type 6 \[Mus musculus \]](#)

Official Symbol [PTPN6](#)

Synonyms

PTPN6; protein tyrosine phosphatase, non-receptor type 6; tyrosine-protein phosphatase non-receptor type 6; PTP-1C; 70Z-SHP; SH-PTP1; PTPTY-42; hemopoietic cell phosphatase; protein-tyrosine phosphatase 1C; hematopoietic cell protein-tyrosine phosphatase; me; hcp; Hcph; Ptp1C; SHP-1; motheaten;

Gene ID [15170](#)

mRNA Refseq [NM_001077705](#)

Protein Refseq [NP_001071173](#)

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