

Recombinant Mouse Ptpn6, His-GST tagged

Cat. No. Ptpn6-8685M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ptpn6 (P29351-2) (Ala207-Lys597), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	207-597 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.0, 10% glycerolNormally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

 Tel: 1-631-559-9269 1-516-512-3133

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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. 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]
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Official Symbol	Ptpn6
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Gene ID	15170
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mRNA Refseq	NM_001077705
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Protein Refseq	NP_001071173
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