

Recombinant Mouse Ptpn6, His-GST tagged

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

SPECIFICATION

| | |
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| 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 |

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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]

Official Symbol Ptpn6

Gene ID 15170

mRNA Refseq NM_001077705

Protein Refseq NP_001071173

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