

Recombinant Human PTPN9 Protein, GST-tagged

Cat. No. PTPN9-320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PTPN9 (NP_002824.1) (Ala285-Gln593) was expressed with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).
Species	Human
Source	Insect Cells
ProteinLength	285-593 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human PTPN9 consists 546 amino acids and predicts a molecular mass of 63.3 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PTPN9 protein tyrosine phosphatase, non-receptor type 9 [Homo sapiens]

Official Symbol PTPN9

Synonyms PTPN9; protein tyrosine phosphatase, non-receptor type 9; tyrosine-protein phosphatase non-receptor type 9; MEG2; PTPase MEG2; PTPase-MEG2; protein-tyrosine phosphatase MEG2; PTPMEG2;

Gene ID 5780

mRNA Refseq NM_002833

Protein Refseq NP_002824

MIM 600768

UniProt ID P43378

Chromosome Location 15q23

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