

Recombinant Human PTPN9 protein(Ala285-Gln593), His&GST-tagged

Cat. No. PTPN9-1300H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN9 (NP_002824.1) (Ala285-Gln593) was expressed in Insect Cells with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).
Species	Human
Source	Insect Cells
ProteinLength	Ala285-Gln593
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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 protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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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 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

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