

Recombinant Human TPST1 protein, His-tagged

Cat. No. TPST1-1119H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPST1 protein(NP_003587.1)(Gln26-Glu370), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln26-Glu370
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human TPST1 consists of 361 amino acids and has a calculated molecular mass of 41.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTPST1 is approximately 45-48 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % 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 TPST1 tyrosylprotein sulfotransferase 1 [Homo sapiens]

Official Symbol TPST1

Synonyms TPST1; tyrosylprotein sulfotransferase 1; protein-tyrosine sulfotransferase 1; TPST-1; tyrosylprotein sulfotransferase-1;

Gene ID 8460

mRNA Refseq NM_003596

Protein Refseq NP_003587

MIM 603125

UniProt ID O60507

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