

Human TPST1 (His Tag) recombinant protein



Catalog Number: 501870

General Information

Protein Construction

A DNA sequence encoding the human TPST1 (NP_003587.1) extracellular domain (Gln 26-Glu 370) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 80 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

His

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.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

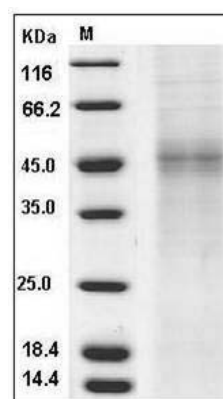
Storage

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.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human TPST1 Protein (His Tag) SDS-PAGE