

## Recombinant Human TPT1, His tagged

TPT1-443H Human

Lot. No. (See product label)

### Specification

<b>Product Overview</b>	Recombinant Human TPT1 (Met1-Cys172), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
<b>Source</b>	E. coli
<b>Species</b>	Human
<b>Tag</b>	His
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human TPT1 consists of 187 amino acids and predicts a molecular mass of 21.4 KDa. It migrates as an approximately 23 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	<1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4oC before opening to recover the entire contents.

### Gene Information

<b>Gene Name</b>	<a href="#">TPT1 tumor protein, translationally-controlled 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	TPT1
<b>Gene ID</b>	<a href="#">7178</a>
<b>mRNA Refseq</b>	<a href="#">NM_003295</a>
<b>Protein Refseq</b>	<a href="#">NP_003286</a>
<b>MIM</b>	<a href="#">600763</a>
<b>UniProt ID</b>	<a href="#">P13693</a>
<b>Chromosome</b>	13q14

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Location

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