

Recombinant Human TPT1 protein(Met1-Cys172), His-tagged

Cat. No. TPT1-6508H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human TPT1 (Met1-Cys172) was expressed in E. coli with a polyhistidine tag at the N-terminus. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Met1-Cys172 |
| Form | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | 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. |
| Purity | > 95 % 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. |
| 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. |

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GENE INFORMATION**Gene Name** TPT1 tumor protein, translationally-controlled 1 [Homo sapiens]**Official Symbol** TPT1**Synonyms** TPT1; tumor protein, translationally-controlled 1; translationally-controlled tumor protein; fortilin; TCTP; p23; histamine-releasing factor; HRF; p02; FLJ27337;**Gene ID** 7178**mRNA Refseq** NM_003295**Protein Refseq** NP_003286**MIM** 600763**UniProt ID** P13693 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA