

## Recombinant Human TPT1 protein, GST-tagged

**Cat. No.** TPT1-7632H    **Lot. No.** (See product label)

### SPECIFICATION

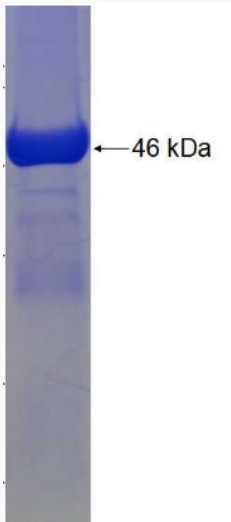
|                         |                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TPT1 protein(1-172 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-172 aa                                                                                                                                                                                                                                       |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.        |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| <b>AA Sequence</b>      | <p> MIIYRDLISHDEMFSDIYKIREIADGLCLEVEGKMVSRTEGNIDDSLIGGNASAEGPEG<br/> EGTESTVITGVDIVMNHHLQETSFTKEAYKKYIKDYMKSIGKLEEQRPERVKPFMTG<br/> AAEQIKHILANFKNYQFFIGENMNPDGMVALLDYREDGVTPYMIFFKDGLEMEKC </p>                                               |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                       |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <b>TPT1</b>                                                                                                                                                       |
| <b>Synonyms</b>        | TPT1; tumor protein, translationally-controlled 1; translationally-controlled tumor protein; fortilin; TCTP; p23; histamine-releasing factor; HRF; p02; FLJ27337; |
| <b>Gene ID</b>         | <b>7178</b>                                                                                                                                                       |
| <b>mRNA Refseq</b>     | <b>NM_003295</b>                                                                                                                                                  |
| <b>Protein Refseq</b>  | <b>NP_003286</b>                                                                                                                                                  |
| <b>MIM</b>             | <b>600763</b>                                                                                                                                                     |
| <b>UniProt ID</b>      | <b>P13693</b>                                                                                                                                                     |
| <b>SDS-PAGE</b>        |                                                                               |