

# Recombinant Human TPT1, GST-tagged

**Cat. No.** TPT1-3381H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TPT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-term-172aa                                                                                                                                                      |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TPT1 tumor protein, translationally-controlled 1 [ Homo sapiens ]                                                                                                 |
| <b>Official Symbol</b> | TPT1                                                                                                                                                              |
| <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>         | 7178                                                                                                                                                              |

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|----------------------------|-----------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_003295                                           |
| <b>Protein Refseq</b>      | NP_003286                                           |
| <b>MIM</b>                 | 600763                                              |
| <b>UniProt ID</b>          | P13693                                              |
| <b>Chromosome Location</b> | 13q14                                               |
| <b>Pathway</b>             | PLK1 signaling events, organism-specific biosystem; |
| <b>Function</b>            | calcium ion binding; transcription factor binding;  |

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