

## Recombinant Mouse Tpt1, His-tagged

Cat. No. Tpt1-70M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Tpt1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	Tpt1 also known as Translationally-controlled tumor protein. TPT1 is regulated at the translational level. This protein is involved in calcium binding and microtubule stabilization. It is an immunoglobulin E dependent histamine-releasing factor produced by lymphocytes of atopic children and present in biologic fluids of allergic patients.
<b>Form</b>	Liquid. In Phosphate Buffered Saline containing 10% glycerol, 1mM DTT
<b>Molecular Mass</b>	22.1kDa (197aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMMIIYR DLISHDELFS DIYKIREIAD GLCLEVEGKM VSRTEGAIDD SLIGNASAE GPEGEGTEST VVTGVDIVMN HHLQETSFTK EAYKKYIKDY MKSLKGGLEE QKPERVKPFM TGAAEQIKHI LANFNYYQFF IGENMNPDGM VALLDYREDG VTPFMIFFKD GLEMEKC
<b>Purity</b>	>90% by SDS - PAGE
<b>Storage</b>	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store

 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

at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 1mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [Tpt1 tumor protein, translationally-controlled 1 \[ Mus musculus \]](#)

**Official Symbol** Tpt1

**Synonyms** TPT1; tumor protein, translationally-controlled 1; translationally-controlled tumor protein; fortilin; translationally regulated transcript (21 kDa); 21 kDa polypeptide under translational control; Trt; p21; p23; TCTP;

**Gene ID** [22070](#)

**mRNA Refseq** [NM\\_009429](#)

**Protein Refseq** [NP\\_033455](#)

**Function** calcium ion binding; transcription factor binding;

 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