

Recombinant Mouse Tpt1 Protein, His-tagged

Cat. No. Tpt1-7358M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Tpt1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
ProteinLength	1-172
Description	Involved in calcium binding and microtubule stabilization.
Form	Liquid
Molecular Mass	22.1 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMMIYRDLISHDELFSDIYKIREIADGLCLEVEG KMVSRTEGAIDDSLIGGNASAEQPEGEGTESTVVTGVDIVMNHHLQETSFTKEAYKK YIKDYMKSLKGKLEEQKPERVKPFMTGAAEQIKHILANFNYYQFFIGENMNPDGMVA LLDYREDGVTPFMIFFKDGLEMEKC
Purity	> 90 % by SDS-PAGE
Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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for longer. Avoid repeated freezing and thawing.

Concentration 1.0 mg/mL (determined by bradford assay)

Storage Buffer Phosphate Buffered Saline containing 10 % glycerol, 1 mM DTT.

GENE INFORMATION

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

Official Symbol Tpt1

Synonyms Tpt1; tumor protein, translationally-controlled 1; Tr; fo; TCT; Trt; p21; p23; TCTP; translationally-controlled tumor protein; 21 kDa polypeptide under translational control; fortilin; translationally regulated transcript (21 kDa)

Gene ID 22070

mRNA Refseq NM_009429

Protein Refseq NP_033455

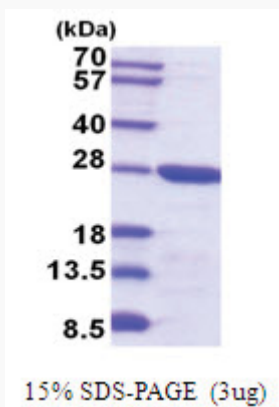
UniProt ID P63028

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SDS-PAGE



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