

Recombinant Human TPT1, His-tagged

Cat. No. TPT1-1844H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TCTP protein produced in <i>E.coli</i> was recombined with His tag at the N Terminus. It was purified by using conventional chromatography techniques, 23.9 kDa (210aa).
Species	Human
Source	E.coli
Description	TCTP, also known as Translationally controlled tumor protein, 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.
Purity	> 90% by SDS - PAGE.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMMI IYRDLISHDE MFSDIYKIRE IADGLCLEVE GKMVSRTEGN IDDSLIGGNASAEGPEGET ESTVITGVDI VMNHHLQETS FTKEAYKKYI KDYMKSIK GK LEEQRP ERVK PFMTGAAEQI KHILANFKNY QFFIGENMNP DGMVALLDYR EDGVTPYMIF FKDGLEMEKC.

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Stability

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

TPT1 tumor protein, translationally-controlled 1 [Homo sapiens]

Synonyms

tumor protein, translationally-controlled 1; HRF; p02; TCTP; FLJ27337; TPT1; p23; fortilin; histamine-releasing factor; translationally-controlled tumor protein; Fortilin; Histamine-releasing factor

Gene ID

7178

mRNA Refseq

NM_003295.2

Protein Refseq

NP_003286.1

MIM

600763

UniProt ID

P13693

**Chromosome
Location**

13q12-q14

Function

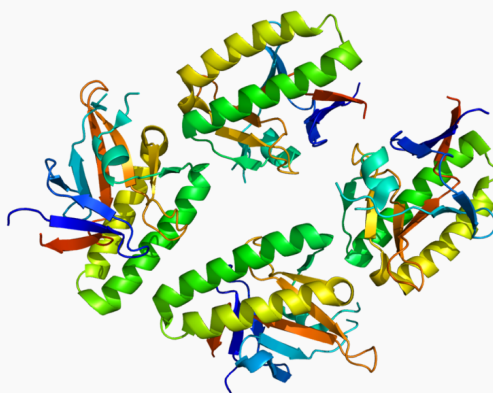
calcium ion binding; protein binding

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