

# Product datasheet for AR09352PU-L

# TPT1 / TCTP (1-172, His-tag) Human Protein

## **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	TPT1 / TCTP (1-172, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHM</u> MI IYRDLISHDE MFSDIYKIRE IADGLCLEVE GKMVSRTEGN IDDSLIGGNA SAEGPEGEGT ESTVITGVDI VMNHHLQETS FTKEAYKKYI KDYMKSIKGK LEEQRPERVK PFMTGAAEQI KHILANFKNY QFFIGENMNP DGMVALLDYR EDGVTPYMIF FKDGLEMEKC
Tag:	His-tag
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1 M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant TCTP protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001273201</u>
Locus ID:	7178
UniProt ID:	<u>A0A0B4J2C3</u>
Cytogenetics:	13q14.13
Synonyms:	HRF; p02; p23; TCTP

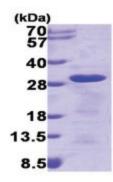


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Summary:This gene encodes a protein that is a regulator of cellular growth and proliferation. Its mRNA<br/>is highly structured and contains an oligopyrimidine tract (5'-TOP) in its 5' untranslated region<br/>that functions to repress its translation under quiescent conditions. The encoded protein is<br/>involved in a variety of cellular pathways, including apoptosis, protein synthesis and cell<br/>division. It binds to and stabilizes microtubules, and removal of this protein through<br/>phosphorylation is required for progression through mitotic and meiotic cell divisions. This<br/>gene is known to play a role in carcinogenesis, and is upregulated in some cancer cells.<br/>Alternative splicing results in multiple transcript variants encoding different isoforms.<br/>[provided by RefSeq, Aug 2017]

## **Product images:**



15% SDS-PAGE (3ug)

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