

Tumor Protein Translationally-Controlled 1 Human Recombinant

Item Number	rAP-4452
Synonyms	TCTP, Fortilin, Histamine-Releasing Factor, Translationally-controlled tumor protein, p23, HRF, Fortilin, p02, FLJ27337, TPT1.
Description	TPT1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 210 amino acids (1-172 a.a.) and having a molecular mass of 23.9 kDa. TPT1 is fused to a 38 amino acid His-Tag at N-Terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P13693
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMMI IYRDLISHDE MFSDIYKIRE IADGLCLEVE GKMVSRTEGN IDDSLIGGNA SAEGPEGEGT ESTVITGVDI VMNHHLQETS FTKEAYKKYI KDYMKSIK GK LEEQRPERVK PFMTGAAEQI KHILANFKNY QFFIGENMNP DGMVALLDYR EDGVTPY- MIF FKDGLEMEKC.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TPT1 solution containing 20mM Tris-HCl pH-8, 0.1M NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**