

## T-Complex 1 Human Recombinant

<b>Item Number</b>	rAP-4354
<b>Synonyms</b>	T-complex protein 1 subunit alpha, TCP-1-alpha, CCT-alpha, TCP1, CCT1, CCTA, D6S230E.
<b>Description</b>	TCP1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 576 amino acids (1-556 a.a.) and having a molecular mass of 62.5kDa. The TCP1 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P17987
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MEGPLSVFGD RSTGETIRSQ NVMAAASIAN IVKSSLGPVG LDKMLVDDIG DVTITNDGAT ILKLEVEHP AAKVLCELAD LQDKEVGDGT TSVVIAAEL LKNADELVKQ KIHP TSVISG YRLACKEAVR YINENLIVNT DELGRDCLIN AAKTSMSSKI IGINGDFFAN MVVDAVLAIK YTDIRGQPRY PVNSVNLKA HGRSQMESML ISGYALNCVV GSQGM PKRIV NAKIACLDFS LQKTKMKLGV QVVITDPEKL DQIRQRESDI TKERIQKILA TGANVILTTG GIDDMCLKYF VEAGAMAVRR VLKRD LKRIA KASGATILST LANLEGEETF EAAMLGQAEV VVQERICDDE LILIKNTKAR TSASIILRGA
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4&deg;C if entire vial will be used within 2-4 weeks.&nbsp;&nbsp;&nbsp;Store, frozen at -20&deg;C for longer periods of time.&nbsp;&nbsp;&nbsp;For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).&nbsp;&nbsp;&nbsp;Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The TCP1 solution (0.5 mg/ml) contains 20mM Tris-HCl Buffer (pH 8.0), 1mM DTT, 0.1mM PMSF and 10% Glycerol. Greater than 80.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**