

Thiamine Triphosphatase Human Recombinant

Item Number	rAP-1532
Synonyms	MGC2652, THTP, THTPASE.
Description	Recombinant Human THTPA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 250 amino acids (1-230 a.a.) and having a molecular mass of 27.7 kDa. THTPA is fused to a 20 amino acid His-Tag at N-Terminus and purified by conventional chromatography techniques.
Uniprot Accesion Number	Q9BU02
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAQGLIEVER KFLPGPGTEE RLQELGGTLE YRVTFRDTYY DTPEL-SLMQA DHWLRRREDS GWEIKCPGAA GVLGPHTEYK ELTAEPTIVA QLCKVLRADG LGAGDVAAVL GPLGLQEVAS FVTKRSAWKL VLLGADEEEP QLRVLDLTDAD FGYAVGEVEA LVHEEAEVPT ALE-KIHLSS MLGVPAQETA PAKLIVYLQR FRPQDYQRLL EVNSSRERPQ ETEDPDHCLG.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store THTPA 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	The THTPA 1mg/ml protein solution contains 20mM Tris-HCL buffer, pH-8, 1mM DTT and 10% Glycerol. Greater than 90.0% 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**