

# Product datasheet for TP300849M

## THTPA (NM\_024328) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins** Recombinant protein of human thiamine triphosphatase (THTPA), transcript variant 1, 100 µg **Description:** Species: Human HEK293T **Expression Host:** Expression cDNA Clone >RC200849 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s) MAQGLIEVERKFLPGPGTEERLQELGGTLEYRVTFRDTYYDTPELSLMQADHWLRRREDSGWELKCPGAA GVLGPHTEYKELTAEPTIVAQLCKVLRADGLGAGDVAAVLGPLGLQEVASFVTKRSAWKLVLLGADEEEP QLRVDLDTADFGYAVGEVEALVHEEAEVPTALEKIHRLSSMLGVPAQETAPAKLIVYLQRFRPQDYQRLL EVNSSRERPQETEDPDHCLG **TRTRPLEQKLISEEDLAANDILDYKDDDDKV** Tag: C-Myc/DDK Predicted MW: 25.4 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method > 80% as determined by SDS-PAGE and Coomassie blue staining Purity: **Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol Recombinant protein was captured through anti-DDK affinity column followed by **Preparation:** conventional chromatography steps. Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stable for 12 months from the date of receipt of the product under proper storage and Stability: handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 077304 79178 Locus ID: **UniProt ID:** Q9BU02



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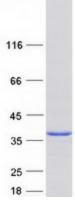
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	THTPA (NM_024328) Human Recombinant Protein – TP300849M
RefSeq Size:	2228
Cytogenetics:	14q11.2
RefSeq ORF:	690
Synonyms:	THTP; THTPASE
Summary:	This gene encodes an enzyme which catalyzes the biosynthesis of thiamine disphophate (vitamin B1) by hydrolysis of thiamine triphosphate. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]
Protein Pathway	vs: Metabolic pathways, Thiamine metabolism

## **Product images:**



Coomassie blue staining of purified THTPA protein (Cat# [TP300849]). The protein was produced from HEK293T cells transfected with THTPA cDNA clone (Cat# [RC200849]) using MegaTran 2.0 (Cat# [TT210002]).

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