

## Product datasheet for **TP300849M**

### THTPA (NM\_024328) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thiamine triphosphatase (THTPA), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200849 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAQGLIEVERKFLPGPGTEERLQELGGTLEYRVTFRDYYDTPELSLMQADHWLRRREDSGWELKCPGAA  
GVLGPHTEYKELTAEPTIVAQLCKVLRADGLGAGDVAAVLGPLGLQEVASFVTKRSAWKLVLGAEDEEP  
QLRVDLDTADFGYAVGEVEALVHEEAEPPTALEKIHRLSSMLGVPAQETAPAKLIVYLQFRPQDYQRL  
EVNSSRERPQETEDPDHCLG

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	25.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by 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.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_077304</a>
Locus ID:	79178
UniProt ID:	<a href="#">Q9BU02</a>



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RefSeq Size: 2228

Cytogenetics: 14q11.2

RefSeq ORF: 690

Synonyms: THTP; THTPASE

**Summary:** This gene encodes an enzyme which catalyzes the biosynthesis of thiamine diphosphate (vitamin B1) by hydrolysis of thiamine triphosphate. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]

**Protein Pathways:** 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]).