

Product datasheet for TP300849L

OriGene Technologies, Inc.

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THTPA (NM_024328) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human thiamine triphosphatase (THTPA), transcript variant 1, 1 mg

Species: Human
Expression Host: HEK293T

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

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: NP 077304

Locus ID: 79178

UniProt ID: Q9BU02





THTPA (NM_024328) Human Recombinant Protein - TP300849L

RefSeq Size: 2228

Cytogenetics: 14q11.2

RefSeq ORF: 690

Synonyms: THTP; THTPASE

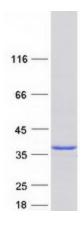
Summary: This gene encodes an enzyme which catalyzes the biosynthesis of thiamine disphophate

(vitamin B1) by hydrolysis of thiamine triphosphate. Alternative splicing results in multiple

transcript variants. [provided by RefSeq, Dec 2011]

Protein 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]).