

Recombinant Human THTPA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. THTPA-3149H Lot. No. (See product label)

SPECIFICATION

Product Overview	THTPA MS Standard C13 and N15-labeled recombinant protein (NP_077304) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	25.6 kDa
AA Sequence	MAQGLIEVERKFLPGPGTEERLQELGGTLEYRVTFRDITYDTPELSLMQADHWLRR REDSGWELKCPGAAGVLGPHTEYKELTAEPTIVAQLCKVLRADGLGAGDVAAVLGP LGLQEVASFVTKRSAWKLVLLGADEEEPQLRVDLDTADFGYAVGEVEALVHEEAEV PTALEKIHRLSSMLGVPAQETAPAKLIVYLQRFQDYQRLLVNSSRERPQETEDP DHCLGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	THTPA thiamine triphosphatase [Homo sapiens (human)]
Official Symbol	THTPA
Synonyms	THTPA; thiamine triphosphatase; thiamine-triphosphatase; THTPASE; THTP; MGC2652; FLJ33428; FLJ36892;
Gene ID	79178
mRNA Refseq	NM_024328
Protein Refseq	NP_077304
MIM	611612
UniProt ID	Q9BU02

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SDS-PAGE



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