

Product datasheet for TP502596

Thtpa (NM_153083) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thiamine triphosphatase (Thtpa), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202596 protein sequence Red =Cloning site Green =Tags(s)
	 MAQGLIEVERKFAPGPDTEERLQELGATLEHRVTFRDYYDTSELSLMLSDHWLRQREGSGWELKCPGVT GVSQPHNEYVEVTSEAAIVAQLFELLGSGEQKPAGVAAVLGSLLKQEVASFITRSSWKLALSGAHGQEP QLTIDLDSADFGYAVGEVEAMVHEKAEVPAALEKIITVSSMLGVPAQEEAPAKLMVYLQFRPLDYQRL EAASSGEATGDSAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24.3 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
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 after receiving vials.
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_694723
Locus ID:	105663
UniProt ID:	Q8JZL3
RefSeq Size:	2839



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Cytogenetics: 14 C3

RefSeq ORF: 675

Synonyms: AW122966; ThTP

Summary: This gene encodes a cytosolic enzyme that catalyzes the conversion of thiamine triphosphate to thiamine diphosphate. The encoded protein requires divalent cations for enzymatic activity. The gene product is believed to play a role in regulation of thiamine triphosphate intracellular concentration, and it may be a messenger in cell signaling in response to cellular stress.
[provided by RefSeq, Mar 2010]