

Product datasheet for **TP307233M**

DTD1 (NM_080820) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human D-tyrosyl-tRNA deacylase 1 homolog (<i>S. cerevisiae</i>) (DTD1), nuclear gene encoding mitochondrial protein, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207233 protein sequence Red =Cloning site Green =Tags(s)
	 MKAVVQRVTRASVTVGGEQISAIGRGICVLLGISLEDTQKELEHMVRKILNLRVFEDESGKHWSKSVMDK QYEILCVSQFTLQCVLKGNKPDFNLAMPTEQAEGFYNSFLEQLRKTYRPELIKDGKFGAYMQVHIQNDGP VTIELESPAPGTATSDPKQLSKLEKQQQRKEKTRAKGPSSESKERNTPRKEDRSASSGAEGDVSSSEREP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	23.2 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_543010
Locus ID:	92675
UniProt ID:	Q8TEA8



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RefSeq Size:	1368
Cytogenetics:	20p11.23
RefSeq ORF:	627
Synonyms:	C20orf88; DTD; DUE-B; DUEB; HARS2; pqn-68

Summary: The protein encoded by this gene is similar in sequence to histidyl-tRNA synthetase, which hydrolyzes D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr). The encoded protein binds the DNA unwinding element and plays a role in the initiation of DNA replication. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]

Product images:



Coomassie blue staining of purified DTD1 protein (Cat# [TP307233]). The protein was produced from HEK293T cells transfected with DTD1 cDNA clone (Cat# [RC207233]) using MegaTran 2.0 (Cat# [TT210002]).