

Product datasheet for TP307233M

OriGene Technologies, Inc.

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DTD1 (NM_080820) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human D-tyrosyl-tRNA deacylase 1 homolog (S. cerevisiae) (DTD1),

nuclear gene encoding mitochondrial protein, 100 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC207233 protein sequence

or AA Sequence: Red=Cloning site Green=Tags(s)

MKAVVQRVTRASVTVGGEQISAIGRGICVLLGISLEDTQKELEHMVRKILNLRVFEDESGKHWSKSVMDK QYEILCVSQFTLQCVLKGNKPDFNLAMPTEQAEGFYNSFLEQLRKTYRPELIKDGKFGAYMQVHIQNDGP VTIELESPAPGTATSDPKQLSKLEKQQQRKEKTRAKGPSESSKERNTPRKEDRSASSGAEGDVSSEREP

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





RefSeq Size: 1368

Cytogenetics: 20p11.23

RefSeq ORF: 627

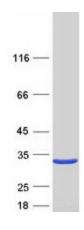
Synonyms: C20orf88; DTD; DUE-B; DUEB; HARS2; pqn-68

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]).