

Product datasheet for **TP306325**

QTRTD1 (QTRT2) (NM_024638) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human queuine tRNA-ribosyltransferase domain containing 1 (QTRTD1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206325 protein sequence Red =Cloning site Green =Tags(s)

MKLSLTKVWNGCRLGKIKNLGKTGDHTMDIPGCLLYTKGSAPHLTHHTLHNIHGVPAMAQLTLSSLAEH
HEVLTEYKEGVGKFIGMPESLLYCSLHDPVSPCPAGYVTNKSVSVWSVAGRVEMTVSKFMAIQKALQPDW
FQCLSDGEVSCKEATSIKRVRSVDRSLLFLDNCLRLQEESEVLQKSVIIGVIEGGDVMEERLSARETA
KRPVGGFLLDGFQGNPTTLEARLRLSSVTAELPEDKPRLLISGVS RPDEVLECIERGVDLFESFFPYQVT
ERGCALTFSDYQPNPEETLLQNGTQEEIKCMDQIKKIETTGCNQEITSFEINLKEKKYQEDFNPLVRG
CSCYCCKNHTRAYIHLLVTNELLAGVLLMMHNFHYFGFFHYIREALKSDKLAQLKELIHRQAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

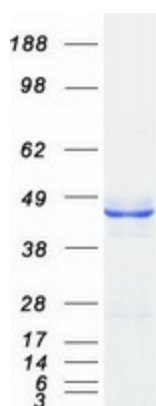
Tag:	C-Myc/DDK
Predicted MW:	46.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>NP_078914</u>



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Locus ID:	79691
UniProt ID:	Q9H974
RefSeq Size:	4025
Cytogenetics:	3q13.31
RefSeq ORF:	1245
Synonyms:	QTRTD1
Summary:	This gene encodes a subunit of tRNA-guanine transglycosylase. tRNA-guanine transglycosylase is a heterodimeric enzyme complex that plays a critical role in tRNA modification by synthesizing the 7-deazaguanosine queuosine, which is found in tRNAs that code for asparagine, aspartic acid, histidine, and tyrosine. The encoded protein may play a role in the queuosine 5'-monophosphate salvage pathway. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]

Product images:



Coomassie blue staining of purified QTRT2 protein (Cat# TP306325). The protein was produced from HEK293T cells transfected with QTRT2 cDNA clone (Cat# [RC206325]) using MegaTran 2.0 (Cat# [TT210002]).