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Product datasheet for PH306325

QTRTD1 (QTRT2) (NM_024638) Human Mass Spec Standard

Product data:

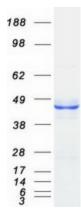
Product Type:	Mass Spec Standards
Description:	QTRTD1 MS Standard C13 and N15-labeled recombinant protein (NP_078914)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206325
Predicted MW:	46.7 kDa
Protein Sequence:	>RC206325 protein sequence <mark>Red</mark> =Cloning site Green=Tags(s)
	MKLSLTKVVNGCRLGKIKNLGKTGDHTMDIPGCLLYTKTGSAPHLTHHTLHNIHGVPAMAQLTLSSLAEH HEVLTEYKEGVGKFIGMPESLLYCSLHDPVSPCPAGYVTNKSVSVWSVAGRVEMTVSKFMAIQKALQPDW FQCLSDGEVSCKEATSIKRVRKSVDRSLLFLDNCLRLQEESEVLQKSVIIGVIEGGDVMEERLRSARETA KRPVGGFLLDGFQGNPTTLEARLRLLSSVTAELPEDKPRLISGVSRPDEVLECIERGVDLFESFFPYQVT ERGCALTFSFDYQPNPEETLLQQNGTQEEIKCMDQIKKIETTGCNQEITSFEINLKEKKYQEDFNPLVRG CSCYCCKNHTRAYIHHLLVTNELLAGVLLMMHNFEHYFGFFHYIREALKSDKLAQLKELIHRQAS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 μg/μL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP 078914</u>
RefSeq Size:	4025
RefSeq ORF:	1245
Synonyms:	QTRTD1
Locus ID:	79691



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	QTRTD1 (QTRT2) (NM_024638) Human Mass Spec Standard – PH306325
UniProt ID:	<u>Q9H974</u>
Cytogenetics:	3q13.31
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]).

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