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Product datasheet for RC206325L3V

QTRTD1 (QTRT2) (NM_024638) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	QTRTD1 (QTRT2) (NM_024638) Human Tagged ORF Clone Lentiviral Particle
Symbol:	QTRTD1
Synonyms:	QTRTD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_024638
ORF Size:	1245 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC206325).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_024638.2
RefSeq Size:	4025 bp
RefSeq ORF:	1248 bp
Locus ID:	79691
UniProt ID:	Q9H974
Cytogenetics:	3q13.31
Domains:	TGT
MW:	46.7 kDa

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Gene 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]