

Product datasheet for AR51688PU-N

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QTRTD1 (1-415, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: QTRTD1 (1-415, His-tag) human recombinant protein, 0.25 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMKLSLTK VVNGCRLGKI KNLGKTGDHT MDIPGCLLYT KTGSAPHLTH HTLHNIHGVP AMAQLTLSSL AEHHEVLTEY KEGVGKFIGM PESLLYCSLH DPVSPCPAGY VTNKSVSVWS VAGRVEMTVS KFMAIQKALQ PDWFQCLSDG EVSCKEATSI KRVRKSVDRS LLFLDNCLRL QEESEVLQKS VIIGVIEGGD VMEERLRSAR ETAKRPVGGF

LLDGFQGNPT TLEARLRLLS SVTAELPEDK PRLISGVSRP DEVLECIERG VDLFESFFPY QVTERGCALT

FSFDYQPNPE ETLLQQNGTQ EEIKCMDQIK KIETTGCNQE ITSFEINLKE KKYQEDFNPL

VRGCSCYCCK NHTRAYIHHL LVTNELLAGV LLMMHNFEHY FGFFHYIREA LKSDKLAQLK ELIHRQAS

Tag: His-tag
Predicted MW: 49.1 kDa
Concentration: lot specific

Purity: >95% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffer saline (pH 7.4) containing 30% glycerol, 2 mM DTT, 1 mM

EDTA, 0.1 mM PMSF

Preparation: Liquid purified protein

Protein Description: Recombinant human QTRTD1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001243764

Locus ID: 79691 **UniProt ID:** <u>Q9H974</u>



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Cytogenetics: 3q13.31

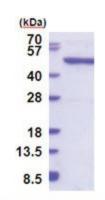
Synonyms: QTRTD1

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:



15% SDS-PAGE (3ug)