

Product datasheet for **AR51688PU-N**

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 QESEVLQKS VIIGVIEGGD VMEERLSAR ETAKRPVGGF LLDGFQGNPT TLEARLRLLS SVTAELPEDK PRLISGVSRP DEVLECIERG VDLFESFFPY QVTERGCALT FSFDYQPNPE ETLLQQNGTQ EEIKCMDQIK KIETTGCNQE ITSFEINLKE KKYQEDFNPL VRGCSCYCCK NHTRAYIHHL LVTNELLAGV LLMMHNFHEY 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:	Q9H974



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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:

