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Datasheet for ABIN1676725
QTRT1 Protein (AA 1-371) (His tag)

Overview

Quantity:	1 mg
Target:	QTRT1
Protein Characteristics:	AA 1-371
Origin:	Chromobacterium violaceum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This QTRT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MLKFTVHKTS GGARRGTTLEL NHGTVETPVF QPVGTYGYSVK AMSPVELNDI GAQIILGNTF HLWLRPGLEI VEQFGLHEF IGWDKPILTD SGGFQVFSLS DMRKLTEEGC TFQSPINGDK LFLSPEISMK IQTVLNSDIV MQLDECTPGQ VDHATAQKSL QMSLRWAERS RRAFDDLKNP NALFGIVQGN LYTDLRQESL EGLMQVGF DG IAIGGLSVGE PKPEMYRMLT ELKDMLPADK PHYLMGVGTP EDLVHGVANG VDMFDCVMPT RNARNGWIFT QWGDVKIKNA RYKDDKKPLD EECACYACRN FSRAYLHHLH RVGEILGARL NTIHNLFFYYQ ELMREMRKAI EEDRFEDFRL EFAAKRARSV N
Specificity:	Chromobacterium violaceum (strain ATCC 12472 / DSM 30191 / JCM 1249 / NBRC 12614 / NCIMB 9131 / NCTC 9757)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: QTRT1

Alternative Name: Queuine tRNA-ribosyltransferase (tgt) ([QTRT1 Products](#))

Background: Recommended name: Queuine tRNA-ribosyltransferase.
EC= 2.4.2.29.
Alternative name(s): Guanine insertion enzyme tRNA-guanine transglycosylase

UniProt: [Q7NYC7](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.