Datasheet for ABIN1633390

QTRT1 Protein (AA 1-375) (His tag)

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Overview

Quantity:	1 mg
Target:	QTRT1
Protein Characteristics:	AA 1-375
Origin:	Shigella flexneri
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This QTRT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKFELDTTDG RARRGRLVFD RGVVETPCFM PVGTYGTVKG MTPEEVEATG AQIILGNTFH LWLRPGQEIM KLHGDLHDFM QWKGPILTDS GGFQVFSLGD IRKITEQGVH FRNPINGDPI FLDPEKSMEI QYDLGSDIVM IFDECTPYPA DWDYAKRSME MSLRWAKRSR ERFDSLGNKN ALFGIIQGSI YEDLRDISVK GLVDIGFDGY AVGGLAVGEP KADMHRILEH VCPQIPADKP RYLMGVGKPE DLVEGVRRGI DMFDCVMPTR NARNGHLFVT DGVVKIRNAK YKSDTGPLDP ECDCYTCRNY SRAYLHHLDR CNEILGARLN TIHNLRYYQR LMAGLRKAIE EGKLESFVTD FYQRQGREVP PLNVD
Specificity:	Shigella flexneri
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
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 Virulence-associated protein vacC tRNA-guanine transglycosylase
UniProt:	Q54177
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 modificated 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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.