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Datasheet for ABIN1630401
QUEG Protein (AA 1-371) (His tag)

Overview

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

Product Details

Sequence:	MKINYQELAN NIKLWAKELG FQKVGICDVD LSQHEAALEQ WLEAGYHGSM DWMARHGVMR ARPDELHPGT IRVISARMDY LPPKAGFASN LKDPNQAYIS RYALGRDYHK LIRNQLKKLG QKIEEEVEQL GYRPFVDSAP ILERPLAEGA GLGWTGKHSL LLDKNAGSWF FLGELLVDIP LPVDTPVENQ CGKCTACISS CPTNAILENG VIDARRCISY LTIENSGIIP EEFRSLMGNR IYGCDDCQLV CPWNREAIEIT QQADFHRRSS LGNSDLISLF SWDESTFLKN MEGSAIRRI HIQWLRNLSI AMGNAPHSEA IISALQDRLG LDENLDIHIQ WAIKQQSLVI TSNRKEQRLI RIIEKGLPRD A
Specificity:	Vibrio fischeri (strain ATCC 700601 / ES114)
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.
Purity:	> 90 %

Target Details

Target:	QUEG
Alternative Name:	Epoxyqueuosine reductase (queG) (QUEG Products)
Background:	Recommended name: Epoxyqueuosine reductase. EC= 1.1.-.-. Alternative name(s): Queuosine biosynthesis protein QueG
UniProt:	Q5E2C3

Application Details

Comment:	<p>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.</p>
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.