Datasheet for ABIN1668715

CYSG1 Protein (AA 1-473) (His tag)

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Overview

Quantity:	1 mg
Target:	CYSG1
Protein Characteristics:	AA 1-473
Origin:	Yersinia pestis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYSG1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDYFPIFCQL QHKACLLVGG GEIAERKARL LLDAGALVTV NACEFAPQFH HWADQGQLSL ISGEFVPELL ADKWLVIAAT DQLSVNALVY QSANQQRIFC NVVDDPKRTS FIMPSIIDRS PIMIAVSSGG KAPVLARLLR EKLEALLPQH LGQLAQLAGN LRQRVKQHFT VMTERRRFWE KLLTHDRLAQ SLANNDHVQA DQHVEQLFSA PLTDRGEVVL VGAGPGDAGL LTLKGLQQIQ QADVVVYDRL VSDEVMNLVR RDAERIFVGK QSGHHCVPQE QINQILLQQA QSGKRVVRLK GGDPFIFGRG GEELEELAGY GIPFSVVPGI TAASGCSAYS GIPLTHRDHA QSVRLVTGHA KKEGQLDWAN LAAEKQTLVF YMGLSQAGEI QQQLIQHGMP ATTQVALVEN GTSRHQRVVS GELSQLALLS QQVSSPSLII VGSVVSLREK LNWFSSRHHD DQPKVTECVA HVG
Specificity:	Yersinia pestis (strain Pestoides F)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	CYSG1
Alternative Name:	Siroheme synthase 1 (cysG1) (CYSG1 Products)
Background:	Recommended name: Siroheme synthase 1 Including the following 3 domains: Uroporphyrinogen-III C-methyltransferase. Short name= Urogen III methylase. EC= 2.1.1.107. Alternative name(s): SUMT Uroporphyrinogen III methylase. Short name= UROM Precorrin-2 dehydrogenase. EC= 1.3.1.76 Sirohydrochlorin ferrochelatase. EC= 4.99.1.4
UniProt:	A4TGU8

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

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Handling

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.

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