Datasheet for ABIN1632941

Dug1p (DUG1) (AA 1-485) protein (His tag)

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Overview

Quantity:	1 mg
Target:	Dug1p (DUG1)
Protein Characteristics:	AA 1-485
Origin:	Candida albicans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MSTSTTYEKL PLQPLFDTIE ELKPKFIERL QKAIAIPSVS SDESLRPKVV EMANFLVDEL KTLGFTDIQL KELGTQPPPV QDANLQLPPI VLGRFGNDPA KKTVLVYGHY DVQPALKDDG WKTEPFTMHY DKEKEILYGR GSTDDKGPVV GWLNVIEAHN KLGWELPVNL VVCFEGMEES GSLGLDELVA KEAQNYFKKV DQVTISDNYW LGTTKPVLTY GLRGCNYYQI IIEGPGADLH SGIFGGIIAE PMTDLIKVMS TLVDGSGKIL IPGVYDMVAP LTDKEDQLYD SIDFSVEELN AASGSQTSLH DNKKDILKHR WRFPSLSLHG IEGAFSGAGA KTVIPAKVVG KFSIRTVPDI ESKKLDDLVF QHITSEFKKL NSPNKFKVEL IHDGNYWVSD PFNDSFTAAA KATQDVWNVV PDFTREGGSI PITLTFEKEL GVDVLLLPMG RGDDGAHSIN EKLDVSNYIN GCKTLGGYLH YYGKA
Specificity:	Candida albicans (strain SC5314 / ATCC MYA-2876) (Yeast)
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:	Dug1p (DUG1)
Alternative Name:	Cys-Gly metallodipeptidase DUG1 (DUG1) (DUG1 Products)
Background:	Recommended name: Cys-Gly metallodipeptidase DUG1. EC= 3.4.13.-. Alternative name(s): Deficient in utilization of glutathione protein 1 GSH degradosomal complex subunit DUG1
UniProt:	Q5AKA5

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

Handling

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

