Datasheet for ABIN7590876

MFGE8 Protein (AA 19-427) (His tag)

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Overview

Quantity:	100 µg
Target:	MFGE8
Protein Characteristics:	AA 19-427
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MFGE8 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AS GDFCDSSLCL HGGTCLLNED RTPPFYCLCP EGFTGLLCNE TEHGPCFPNP CHNDAECQVT DDSHRGDVFI QYICKCPLGY VGIHCETTCT SPLGMQTGAI ADSQISASSM HLGFMGLQRW APELARLHQT GIVNAWTSGN YDKNPWIQVN LMRKMWVTGV VTQGASRAGS AEYLKTFKVA YSTDGRQFQF IQVAGRSGDK IFIGNVNNSG LKINLFDTPL ETQYVRLVPI ICHRGCTLRF ELLGCELNGC TEPLGLKDNT IPNKQITASS YYKTWGLSAF SWFPYYARLD NQGKFNAWTA QTNSASEWLQ IDLGSQKRVT GIITQGARDF GHIQYVAAYR VAYGDDGVTW TEYKDPGASE SKIFPGNMDN NSHKKNIFET PFQARFVRIQ PVAWHNRITL RVELLGC
Specificity:	Bos taurus (Bovine)
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:	MFGE8
Alternative Name:	Lactadherin (MFGE8) (MFGE8 Products)
Background:	Recommended name: Lactadherin. Alternative name(s): BP47 Components 15/16 MFGM MGP57/53 Milk fat globule-EGF factor 8. Short name= MFG-E8 PAS-6/PAS-7 glycoprotein SED1 Sperm surface protein SP47
UniProt:	Q95114
Pathways:	SARS-CoV-2 Protein Interactome

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.