Datasheet for ABIN7584339

FGD4 Protein (AA 1-766) (His tag)

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Overview

Quantity:	100 µg
Target:	FGD4
Protein Characteristics:	AA 1-766
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGD4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEESNPAPTS CASKGKHSKV SDLISHFEGG SVLSSYTDVQ KDSTMNLNIP QTPRQHGLTS TTPQKLPSHK SPQKQEKDSD QNQGQHGCLA NGVAAAQSQM ECETEKEAAL SPETDTQTAA ASPDAHVLNG VRNETTTDSA SSVTNSHDEN ACDSSCRTQG TDLGLPSKEG EPVIEAELQE RENGLSTEGL NPLDQHHEVK ETNEQKLHKI ATELLLTERA YVSRLNLLDQ VFYCKLLEEA NRGSFPAEMV NKIFSNISSI NAFHSKFLLP ELEKRMQEWE TTPRIGDILQ KLAPFLKMYG EYVKGFDNAV ELVKNMTERV PQFKSVTEEI QKQKICGSLT LQHHMLEPIQ RIPRYEMLLK DYLKKLSPDA PDWNDAKKSL EIISTAASHS NSAIRKMENL KKLLEIYEML GEEEDIVNPS NELIKEGQIL KLAARNTSAQ ERYLFLFNNM LLYCVPRFSL VGSKFTVRTR VGIDGMKIVE THNEEYPHTF QVSGKERTLE LQASSEQDKE EWIKALQESI DAFHQRHETF RNAIAKENDI PLEVSTAELG KRAPRWIRDN EVTMCMKCKE SFNALTRRRH HCRACGHVVC WKCSDYKAQL EYDGGRLNKV CKDCYQIMSG FAESEEKKRR GILEIESAEV SGNSEVCSFL QYMEKSKPWQ KIWCVIPKQD PLVLYMYGAP QDVRAQATIP LLGYIVDDMP KSADLPHSFK LTQSKSVHSF

Product Details

	AADSEELKQK WLKIILLAVT GETPDGPSEH LDTLDNLPGP KEKSEC
Specificity:	Rattus norvegicus (Rat)
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:	FGD4
Alternative Name:	FYVE, RhoGEF and PH domain-containing protein 4 (Fgd4) (FGD4 Products)
Background:	Recommended name: FYVE, RhoGEF and PH domain-containing protein 4. Alternative name(s): Actin filament-binding protein frabin FGD1-related F-actin-binding protein
UniProt:	O88387
Pathways:	Neurotrophin Signaling Pathway

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

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.