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Datasheet for ABIN1475818  
**FGD4 Protein (AA 1-766) (His tag)**

### Overview

Quantity:	1 mg
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  
TTPQKLPCHK SPQKQEKDSD QNQGQHGCLA NGVAAAQSQM ECETEKEAAL SPETDTQTAA  
ASPDHVLNG VRNETTDSA SSVTNSHDEN ACDSSCRTQG TDLGLPSKEG EPVIEAELQE  
RENGLSTEGE NPLDQHHEVK ETNEQKLHKI ATELLTERA YVSRNLLDQ VFYCKLLEEA  
NRGSFPAEMV NKIFSNISSI NAFHSKFLLP ELEKRMQEW E TTPRIGDILQ KAPFLKMYG  
EYVKGFDNAV ELVKNMTERV PQFKSVTEEI QKQKICGSLT LQHHMLEPIQ RIPRYEMLLK  
DYLKKLSPDA PDWINDAKKSL EIISTAASHS NSAIRKMENL KKLLEIYEML GEEEDIVNPS  
NELIKEGQIL KLAARNTSAQ ERYLFLFNNM LLYCVPRFSL VGSKFTVRTR VGIDGMKIVE  
THNEEYPHTF QVSGKERTLE LQASSEQDKE EWIKALQESI DAFHQRHETF RNAIAKENDI  
PLEVSTAELG KRAPRWIRDN EVTMCMKCKE SFNALTRRRH HCRACGHVVC WKCSDYKAQL  
EYDGGRLNKV CKDCYQIMSG FAESEKRRR GILEIESAEV SGNSEVCSFL QYMEKSKPWQ  
KIWCVIPKQD PLVLYMYGAP QDVRAQATIP LLYYVDDMP KSADLPHSFK LTQSKSVHSF

## Product Details

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AADSEELKQK WLKIILLAVT GETPDGPSEH LDTLDNLP GP KEKSEC

Specificity: Rattus norvegicus (Rat)

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

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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

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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 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.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

## Handling

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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