

Datasheet for ABIN7553885
FGD6 Protein (AA 1-1430) (His tag)



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Overview

Quantity:	1 mg
Target:	FGD6
Protein Characteristics:	AA 1-1430
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGD6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FGD6 Protein expressed in mammalian cells.
Sequence:	MTSAAEIKKP PVAPKPKFVV ANNKPAPPPI APKPDIVISS VPQSTKKMKP AIAPKPKVLK TSPVREIGQS PSRKIMLNLE GHKQELAEST DNFNCKYEGN QSN DYISPMC SCSSECIHKL GHRENLCVKQ LVLEPLEMNE NLENSKIDET LTIKTRSKCD LYGEKAKNQG GVV LKASVLE EELKDALIHQ MPPFISAQKH RPTDSPEMNG GCNSNGQFRI EFADLSPSPS SFEKVDPDHHS CHLQLPSDEC EHFETCQDDS EKSNNCFQSS ELEALENGKR STLISSDGVS KKSEVKDLGP LEIHLVPYTP KFPTPKPRKT RTARLLRQKC VDTPESTEE PGNSDSSSSC LTENSLKINK ISVLHQNVLC KQEQVDKMKL GNKSELNMES NSDAQDLVNS QKAMCNETTS FEKMAPSFDK DSNLSSDSTT VDGSSMSLAV DEGTGFIRCT VSMSLPKQLK LTCNEHLQSG RNLGVSAPQM QKESVIKEEN SLRIVPKKPQ RHSLPATGVL KKAASEELLE KSSYPSSEK SSEKSLERNH LQHLCAQNRG VSSSFDMPCR ASEKPVWKLP HPILPFGNP EFLKSVTVSS NSEPTALTK PRAKLSAMD VEKCTKPKD STKNSFKKL LSMKLSICFM KSDFQKFSK SSQ LGDTTGTG HLSSGEQKGI ESDWQGLLVG EEKRSKPIKA YSTENYSLES QKKRKKSRGQ TSAANGLRAE

SLDDQMLSRE SSSQAPYKSV TSLCAPEYEN IRHYEEIPEY ENLPFIMAIR KTQELEWQNS
SSMEDADANV YEVEEPPYAP DGQLQLGPRH QHSSSGASQE EQNDLGLGDL PSDEEEIINS
SDEDDVSSSES SKGEPDPLED KQDEDNGMKS KVHHIAKEIM SSEKVFVDVL KLLHIDFRDA
VAHASRQLGK PVIEDRILNQ ILYYLPQLYE LNRDLLKELE ERMLHWTEQQ RIADIFVKKG
PYLKMYSTYI KEFDKNIALI DEQCKKNPGF AAVVREFEMS PRCANLALKH YLLKPVQRIP
QYRLLLT DYL KNLIEDAGDY RDTQDALAVV IEVANHANDT MKQGDNFQKL MQIQYSLNGH
HEIVQPGRVF LKEGILMKLS RKVMQPRMFF LFNDALLYTT PVQSGMYKLN NMLSLAGMKV
RKPTQEAYQN ELKIESVERS FILSASSATE RDEWLEAISR AIEEYAKKRI TFCPSRSLDE
ADSENKEEVS PLGSKAPIWI PDTRATMCM I CTSEFTLTWR RHHCRACGKI VCQACSSNKY
GLDYLNQPA RVCEHCFQEL QKLDHQHSPR IGSPGNHKSP SSALSSVLHS IPSGRKQKKI
PAALKEVSAN TEDSSMSGYL YRSKGNKKPW KHFWFVIKNK VLYTYAASED VAALESQPLL
GFTVIQVKDE NSESKVFQLL HKNMLFYVFK AEDAHSQKW IEAFQEGTIL **Sequence without tag.**

The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	FGD6
Alternative Name:	FGD6 (FGD6 Products)
Background:	FYVE, RhoGEF and PH domain-containing protein 6 (Zinc finger FYVE domain-containing protein 24),FUNCTION: May activate CDC42, a member of the Ras-like family of Rho- and Rac proteins, by exchanging bound GDP for free GTP. May play a role in regulating the actin cytoskeleton and cell shape (By similarity). {ECO:0000250}.
Molecular Weight:	160.8 kDa
UniProt:	Q6ZV73

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months