

Datasheet for ABIN7547738
FGD3 Protein (AA 1-725) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FGD3
Protein Characteristics:	AA 1-725
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGD3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FGD3 Protein expressed in mammalian cells.
Sequence:	<p>MESGRGSSTP PGPIAALGMP DTGPGSSSLG KLQALPVGPR AHCGBPVS LA AAGDGSPDIG PTGELSGSLK IPNRDSGIDS PSSSVAGENF PCEEGLEAGP SPTVLGAHAE MALDSQVPKV TPQEEADSDV GEEPDSNT P QKADKDAGLA QHSGPQKLLH IAQELLHTEE TYVKRLHLLD QVFCTRLTDA GIPPEVIMGI FSNISSIHRF HGQFLLPELK TRITEEWD TN PRLGDILQKL APFLKMYGEY VKNFDRAVGL VSTWTQRSPL FKDVVHSIQK QEVCGNLT LQ HHMLEPVQRV PRYELLLKDY LKRLPQDAPD RKDAERSLEL ISTAANHSNA AIRKVEKMHK LLEVYEQLGG EEDIVNPANE LIKEGQIQKL SAKNGTPQDR HLFLFNSMIL YCVPKLRLMG QKFSVREKMD ISGLQVQDIV KPNTAHTFII TGRKRSLELQ TRTEEEKKEW IQIIQATIEK HKQNSETFKA FGGAFSQDED PSLSPDMPIT STSPVEPVVT TEGSSGAAGL EPRKLSSKTR RDKEKQSCKS CGETFNSITK RRHHCKLCGA VICGKCSEFK AENSQRSRVC RDCFLTQPVA PESTEKTPTA DPQPSLLCGP LRLSEGETW SEVWAAIPMS DPQVLHLQGG SQDGRLPRTI PLPSCKLSVP DPEERLDSGH VWKLQWAKQS WYLSASSAEL QQQWLET LST AAHGDTAQDS PGALQLQVPM</p>

Product Details

GAAAP **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: FGD3

Alternative Name: FGD3 ([FGD3 Products](#))

Background: FYVE, RhoGEF and PH domain-containing protein 3 (Zinc finger FYVE domain-containing protein 5),FUNCTION: Promotes the formation of filopodia. May activate CDC42, a member of the Ras-like family of Rho- and Rac proteins, by exchanging bound GDP for free GTP. Plays a role in regulating the actin cytoskeleton and cell shape (By similarity). {ECO:0000250}.

Molecular Weight: 79.4 kDa

UniProt: [Q5JSP0](#)

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