

Datasheet for ABIN7547737
FEZ1 Protein (AA 1-392) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FEZ1
Protein Characteristics:	AA 1-392
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FEZ1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat FEZ1 Protein expressed in mammalien cells.
Sequence:	MEAPLVSLDE EFEDLRPSCS EDPEEKQCF YGSSPHHLED PSLSELENFS SEISFKSME DLVNEFDEKL NVCFRNYNAK TENLAPVKNQ LQIQEEEEETL QDEEVDALT DNYIPSLSED WRDPNIEALN GNCSDEIHE KEEEFNEKS ENDSGINEEP LLTADQVIEE IEEMMQNSPD PEEEEEVLEE EDGGETSSQA DSVLLQEMQA LTQTFNNNWS YEGLRHMSGs ELTELLDQVE GAIRDFSEEL VQQLARRDEL EFEKEVKNSF ITVLIEVQNK QKEQRELMKK RRKEKGLSLQ SSRIEKNQM PLKRFSMEGI SNILQSGIRQ TFGSSGTDKQ YLNTVIPYEK KASPPSVEDL QMLTNILFAM KEDNEKVPTL LTDYILKVLc PT 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.
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	FEZ1
---------	------

Alternative Name:	FEZ1 (FEZ1 Products)
-------------------	--

Background:	Fasciculation and elongation protein zeta-1 (Zygin I) (Zygin-1),FUNCTION: May be involved in axonal outgrowth as component of the network of molecules that regulate cellular morphology and axon guidance machinery. Able to restore partial locomotion and axonal fasciculation to C.elegans unc-76 mutants in germline transformation experiments. May participate in the transport of mitochondria and other cargos along microtubules. {ECO:0000269 PubMed:20812761, ECO:0000269 PubMed:22354037}.
-------------	--

Molecular Weight:	45.1 kDa
-------------------	----------

UniProt:	Q99689
----------	------------------------

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
--------------------	--

Application Details

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