

Datasheet for ABIN7556675
FV1 Protein (AA 1-459) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FV1
Protein Characteristics:	AA 1-459
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FV1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Fv1 Protein expressed in mammalian cells.
Sequence:	<p>MNFPRALAGF SSWLFKPELA EDSPDNDSPD NDTVNPWREL LQKINVADLP DSSFSSGKEL NDSVYHTFEH FCKIRDYDAV GELLLAFLDK VTKERDQFRD EISQLRMHIN DLKASKCVLG ETLLSYRHRI EVGEKQTEAL IVRLADVQSQ VMCQPARKVS ADKVRALIGK EWDPVTWDGD VWEDIDSEGS EEAELPTVLA SPSLSEESGY ALSKERTQQD KADAPQIQSS TSLVTSEPVT RPKSLSDLTS QKHRHTNHEL NSLAHSNRQK AKEHARKWIL RVWDNGGRLT ILDQIEFLSL GPLSLDSEFN VIARTVEDNG VKSLFDWLAE AWWQRWPTTR ELQSPDTLEW YSIEDGIERL RELGMIEWLC VKATCPQWRG PEDVPITRAM RITFVRETRE TWKSFVFSLL CIKDITVGSV AAQLHDLIEL SLKPTAAGLT SVGSVGVLSL SPWKHQSNS 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

FV1

Alternative Name:

Fv1 ([FV1 Products](#))

Background:

Friend virus susceptibility protein 1,FUNCTION: Retroviral restriction factor that prevents infection by gammaretroviruses. Acts by interacting with the capsid protein ca after entry of the virus into the cell. This interaction presumably disrupt the capsid thereby inactivating the viral genome, making it unable to enter host nucleus and integrate into host genome.
{ECO:0000269|PubMed:16474118}.

Molecular Weight:

52.0 kDa

UniProt:

[P70213](#)

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.

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