

Datasheet for ABIN7545081
VAV1 Protein (AA 1-845) (His tag)



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Overview

Quantity:	1 mg
Target:	VAV1
Protein Characteristics:	AA 1-845
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VAV1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat VAV1 Protein expressed in mammalian cells.
Sequence:	MELWRQCTHW LIQCRVLPPS HRVTWDGAQV CELAQALRDG VLLCQLNNL LPHAINLREV NLRPQMSQFL CLKNIRTFLS TCCEKFG LKR SELF EAFDLF DVQDFGKVIY TLSALSWTPI AQNRGIMFPF TEEESVGDED IYGLSDQID DTVEEDEDLY DCVENEEAEG DEIYEDLMRS EPVSMPPKMT EYDKRCCCLR EIQQTEEKYT DTLGSIQQHF LKPLQRFLKP QDIEIIFINI EDLLRVHTHF LKEMKEALGT PGAANLYQVF IKYKERFLVY GRYCSQVESA SKHLDRVAAA REDVQMKLEE CSQRANNGRF TLRDLLMVPM QRVLYHLLL QELVKHTQEA MEKENLRLAL DAMRDLAQCV NEVKRDNETL RQITNFQLSI ENLDQSLAHY GRPKIDGELK ITSVERRSKM DRYAFLLDKA LLICKRRGDS YDLKDFVNLH SFQVRDDSSG DRDNKKWSHM FLLIEDQGAQ GYELFFKTRE LKKKWMEQFE MAISNIYPEN ATANGHDFQM FSFEETTSC ACQMLLRGTF YQGYRCHRCR ASAHKECLGR VPPCGRHGQD FPGTMKKDKL HRAQDKKRN ELGLPKMEVF QEYYGLPPPP GAIGPFLRLN PGDIVELTKA EAEQNWWEGR NTSTNEIGWF PCNRVKPYVH

GPPQDLSVHL WYAGPMERAG AESILANRSD GTFLVRQRVK DAAEFAISIK YNVEVKHIKI
MTAEGLYRIT EKKAFRGLTE LVEFYQQNSL KDCFKSLDTT LQFPFKEPEK RTISRPVAVGS
TKYFGTAKAR YDFCARDRSE LSLKEGDIIK ILNKKGQQGW WRGEIYGRVG WFPANYVEED YSEYC

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:

- 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: VAV1

Alternative Name: VAV1 ([VAV1 Products](#))

Background: Proto-oncogene vav,FUNCTION: Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.

Molecular Weight: 98.3 kDa

UniProt: [P15498](#)

Pathways: [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [CXCR4-mediated Signaling Events](#), [BCR Signaling](#)

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.
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Restrictions:	For Research Use only
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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