

Product datasheet

Recombinant Human VAV1 protein ab176044

1 Image

Description

<b>Product name</b>	Recombinant Human VAV1 protein	
<b>Purity</b>	> 85 % SDS-PAGE. Purified using conventional chromatography techniques.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P15498</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGSMT EYDKR            CCCLREIQQT EEKYDTLGS IQQHFLKPLQ RFLKPQDIEI            IFINIEDLLR VHTHFLKEMK EALGTPGAAN LYQVFIKYKE            RFLVYGRYCS QVESASKHLD RVAAAREDVQ            MKLEEC SQRA NNGRFTLRDL LMVPMQRVLK            YHLLLQELVK HTQEAMEKEN LRLALDAMRD            LAQCVNEVKR DNETLRQITN FQLSIENLDQ SLAHYGRPKI            DGELKITSVE RRSKMDRYAF LLDKALLICK            RRGDSYDLKD FVNLHSFQVR DDSSGDRDNK            KWSHMFLLE DQGAQGYELF FKTRELKKKW            MEQFEMAISN IYPENATANG HDFQMFSFEE            TTSCKACQML LRGT FYQGYR CHR CRASAHK            ECLGRVPPCG</p>	
<b>Predicted molecular weight</b>	47 kDa including tags	
<b>Amino acids</b>	189 to 565	
<b>Tags</b>	His tag N-Terminus	
<b>Additional sequence information</b>	(NP_005419).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab176044** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE

	Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

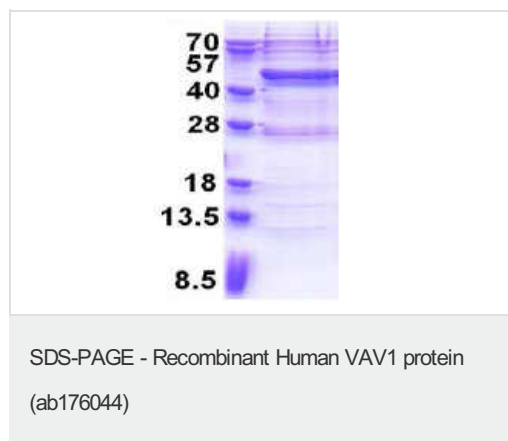
## Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  pH: 8.00 Constituents: 0.32% Tris-HCl buffer, 1.17% Sodium chloride, 30% Glycerol, 0.03% DTT
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## General Info

<b>Function</b>	Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.
<b>Tissue specificity</b>	Widely expressed in hematopoietic cells but not in other cell types.
<b>Sequence similarities</b>	Contains 1 CH (calponin-homology) domain. Contains 1 DH (DBL-homology) domain. Contains 1 PH domain. Contains 1 phorbol-ester/DAG-type zinc finger. Contains 1 SH2 domain. Contains 2 SH3 domains.
<b>Domain</b>	The DH domain is involved in interaction with CCPG1.
<b>Post-translational modifications</b>	Phosphorylated on tyrosine residues.

## Images



15% SDS-PAGE analysis of ab176044 (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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