abcam

Product datasheet

Recombinant Human VAV1 protein ab176044

1 Image

Description

Product name	Recombinant Human VAV1 protein
Purity	> 85 % SDS-PAGE. Purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	**P15498**
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTEYDKR CCCLREIQQT EEKYTDTLGS IQQHFLKPLQ RFLKPQDIEI IFINIEDLLR VHTHFLKEMK EALGTPGAAN LYQVFIKYKE RFLVYGRYCS QVESASKHLD RVAAAREDVQ MKLEECSQRA NNGRFTLRDL LMVPMQRVLK YHLLLQELVK HTQEAMEKEN LRLALDAMRD LAQCVNEVKR DNETLRQITN FQLSIENLDQ SLAHYGRPKI DGELKITSVE RRSKMDRYAF LLDKALLICK RRGDSYDLKD FVNLHSFQVR DDSSGDRDNK KWSHMFLLIE DQGAQGYELF FKTRELKKKW MEQFEMAISN IYPENATANG HDFQMFSFEE TTSCKACQML LRGTFYQGYR CHRCRASAHK ECLGRVPPCG
Predicted molecular weight	47 kDa including tags
Amino acids	189 to 565
Tags	His tag N-Terminus
Additional sequence information	(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
Mass spectrometry	MALDI-TOF
Form	Liquid

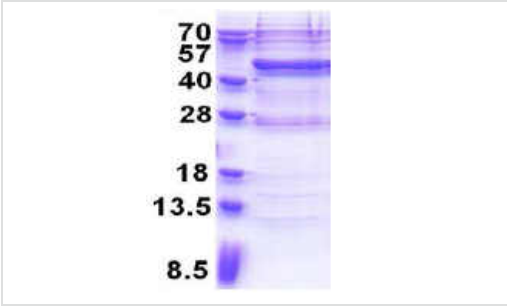
Preparation and Storage

Stability and Storage	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 (glycerin, glycerine), 0.03% DTT

General Info

Function	Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.
Tissue specificity	Widely expressed in hematopoietic cells but not in other cell types.
Sequence similarities	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.
Domain	The DH domain is involved in interaction with CCPG1.
Post-translational modifications	Phosphorylated on tyrosine residues.

Images



SDS-PAGE - Recombinant Human VAV1 protein (ab176044)

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

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors