

Recombinant Human Vav proteins ab172184

1 Image

Description

Product name	Recombinant Human Vav proteins
Purity	> 70 % Densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>NM_005428</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human

Sequence	PFPTTEESVGDEDIYSGLSQIDDTVEEDEDLYDCVENEE AEGDEIYEDL MRSEPVSMPPKMTEYDKRCCCLREIQQTEEKYTDTLGSIQ QHFLKPLQRF LKPQDIEIIFINIEDLLRVHHTFLKEMKEALGTPGAANLYQVFI KYKERF LVYGRYCSQVESASKHLDRVAAAREDVQMKLEECSQRA NNGRFTLRDLLM VPMQRVLKYHLLLQELVKHTQEAMEKENLRLALDAMRDL AQC VNEVKRDN ETLRQITNFQLSIENLDQSLAHYGRPKIDGELKITSVERRSK MDRYAFLL DKALLICKRRGDSYDLKDFVNLHSFQVRDDSSGDRDNKK WSHMFLIEDQ GAQGYELFFKTRELKKKWMEQFEMAI SNYPENATANGHD FQMFSFEETT SCKACQMLLRGTFYQGYRCHRCRASAHKECLGRVPPCG RHGQDFPGTMKK DKLHRR AQDKKRNELGLPKMEVFQEYYGLPPPPGAIGPF LRLNPGDIVEL TKAEAEQNWWEGRNTSTNEIGWFPCNRVKPYVHGPPQD LSVHLWYAGPME RAGAESILANRSDGTFLVRQRVKDAAEFAISIKYNVEVKHIK IMTAEGLY RITEKKA FRGL TELVEFYQQNSLKDCFKSLD TTLQFPFKEP
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EKRTISRPA
VGSTKYFGTAKARYDFCARDRSELSLKEGDIILNKKGQQ
GWWRGEYG RVGWFPANYVEEDYSEYC

Predicted molecular weight	120 kDa including tags
Amino acids	73 to 845
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab172184** 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 Western blot
Form	Liquid

Preparation and Storage

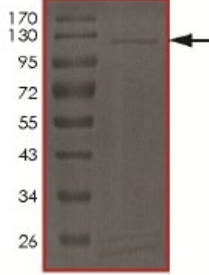
Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.50 Constituents: 73% Tris-HCl buffer, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride, 0.31% Glutathione, 0.003% EDTA, 0.004% DTT, 0.002% PMSF
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General Info

Relevance	The Vav family are Rho/Rac guanosine nucleotide exchange factors (GEFs), consisting of three members in mammalian cells (Vav, Vav2, Vav3) and one in nematodes (CeVav). First discovered based on its transforming properties, Vav is expressed mainly in hematopoietic cells and a few non-hematopoietic tissues, such as the pancreas and tooth enamels. As a signalling transducer, Vav is involved in T-cell activated transduction of T-cell antigen receptor (TCR). T-cell stimulated and tyrosine phosphorylated Vav acts as a catalyst in the exchange of guanosine nucleotides on Rac-1, a GTP binding protein. Using a mouse model, Vav expression has been determined to play an essential role in the cytoskeletal, proliferative, and apoptotic pathways for developing lymphoid cells and its signal response.
Cellular localization	Cytoplasmic and Plasma membrane VAV1, Cytoplasm - VAV2 & VAV3

Images

ab172184 on SDS-PAGE, MW ~120 kDa.



SDS-PAGE - Recombinant Human Vav proteins
(ab172184)

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

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