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VAV1, 189-565aa, Human, His tag, E.coli

产品货号: TP04461

第三版

**别名:**Proto-oncogene vav isoform 1, VAV, Proto-oncogene vav, vav 1 guanine nucleotide exchange factor, vav 1 oncogene

**描述:**Proto-oncogene vav isoform 1, also known as VAV1, is a member of the VAV gene family. The VAV1 proteins are guanine nucleotide exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. In addition, VAV1 contains an SH2 domain, which could indicate its role as a substrate for tyrosine kinases. Expression of VAV1 is limited exclusively to cells of hematopoietic origin, including those of the erythroid, lymphoid and myeloid lineages. Recombinant human VAV1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 2mM DTT

**分子量:**46.8 kDa (400aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMTEYDKRCCCLREIQQTEEKYDTLGSIQQHFLKPLQRFLKPDIEIIFINIEDLLRV  
HTHFLKEMKEALGTPGAANLYQVFIKYKERFLVYGRYCSQVESASKHLDRVAAAREDVQMKLEECSSQRANNGRFTLRDL  
LMVPMQRVLKYHLLLQELVKHTQEAMEKENLRLALDAMRDLAQCVNEVKRDNELRQITNFQLSIENLDQSLAHYGRP  
KIDGELKITSVERRSKMDRYAFLLDKALLICKRRGDSYDLKDFVNLHSFQVRDDSSGDRDNKKWSHMFLIEDQGAQGYE  
LFFKTRELKKKWMEQFEMAIISNIYPENATANGHDFQMFSFEETTSCACQMLLRGTFYQGYRCHRCRASAHECLGRVP  
PCG

**纯度:**> 95% by HPLC

**浓度:**0.5mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.