

## Vav 1 Guanine Nucleotide Exchange Factor Human Recombinant

<b>Item Number</b>	rAP-4067
<b>Synonyms</b>	Vav 1 Guanine Nucleotide Exchange Factor, VAV, Vav 1 Oncogene, Proto-Oncogene Vav.
<b>Description</b>	VAV1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 400 amino acids (189-565a.a) and having a molecular mass of 46.8kDa.VAV1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P15498
<b>Amino Acid Sequence</b>	MGSSHHHHH SSSLVPRGSH MGSMT EYDKR CCCLREIQQT EEKYDTLGS IQQHFLKPLQ RFLKPQDIEI IFINIEDLLR VHTHFLKEMK EALGTPGAAN LYQVFIKYKE RFLVYGRYCS QVESASKHLD RVAAAREDVQ MKLEECSQRA NNGRFTRLRDL LMVPMQRVLK YHLLLQELVK HTQEAMEKEN LRLALDAMRD LAQCVNEVKR DNETLRQITN FQLSIENLDQ SLAHYGRPKI DGELKITSVE RRSKMDRYAF LLDKALLICK RRGDSYDLKD FVNLFHSFQVR
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
<b>Formulation and Purity</b>	VAV1 protein solution (0.25mg/ml) containing In 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 30% glycerol and 2mM DTT. Greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**