

## Recombinant Human VAV1, His-tagged

Cat. No. VAV1-3652H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VAV1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	441-790aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	VAV1 vav 1 guanine nucleotide exchange factor [ Homo sapiens ]
<b>Official Symbol</b>	VAV1
<b>Synonyms</b>	VAV1; vav 1 guanine nucleotide exchange factor; VAV, vav 1 oncogene; proto-oncogene vav; vav 1 oncogene; VAV;
<b>Gene ID</b>	7409

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<b>mRNA Refseq</b>	<a href="#">NM_001258206</a>
<b>Protein Refseq</b>	<a href="#">NP_001245135</a>
<b>MIM</b>	<a href="#">164875</a>
<b>UniProt ID</b>	<a href="#">P15498</a>
<b>Chromosome Location</b>	19p13.2
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathw
<b>Function</b>	Rac guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; metal ion binding; protein binding; sequence-specific DNA binding transcription factor activity;

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