

Recombinant Human VAV3 protein, GST-tagged

Cat. No. VAV3-7855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VAV3 protein(546-847 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	546-847 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	KCGARAHKECLGRVDNCGRVNSGEQGTLKLPEKRTNGLRRTPKQVDPGLPKMQVI RNYSGTPPPALHEGPPLQLQAGDTVELLKGAHSLFWQGRNLASGEVGFPPSDAV KPCPCVPKPVDPYSCQPWYAGAMERLQAETELINRVNSTYLVRHRTKESGEYAIKIKY NNEAKHIKILTRDGGFFHIAENRKFKSLMELVEYYKHHSLSKEGFRTLDTTLQFPYKEPE HSAGQQRGNRAGNSLLSPKVLGIAIARYDFCARDMRELSLLKGDVVKIYTKMSANGW WRGEVNGRVGWFPSTYVEEDE
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [VAV3 vav 3 guanine nucleotide exchange factor \[Homo sapiens \]](#)

Official Symbol [VAV3](#)

Synonyms VAV3; vav 3 guanine nucleotide exchange factor; vav 3 oncogene; guanine nucleotide exchange factor VAV3; VAV-3; FLJ40431;

mRNA Refseq [NM_001079874](#)

Protein Refseq [NP_001073343](#)

MIM [605541](#)

UniProt ID [Q9UKW4](#)

Gene ID [10451](#)

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SDS-PAGE



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