

Recombinant Human VAV2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VAV2-496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VAV2 MS Standard C13 and N15-labeled recombinant protein (NP_003362) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	VAV2 is the second member of the VAV guanine nucleotide exchange factor family of oncogenes. Unlike VAV1, which is expressed exclusively in hematopoietic cells, VAV2 transcripts were found in most tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	96.9 kDa
AA Sequence	<p>MEQWRQCGRWLIDCKVLPNHRVVWPSAVVFDLAQALRDGVLLCQLLHNLSPGSI DLKDINFRPQMSQFLCKNIRTFLLKVKCHDKFGLRNSELPFDLFDVDFGKVISAVS RLSLHSIAQNKGIRPFSEETTENDDDVYRSLEELADEHDLGEDIYDCVPCEDGGDDI YEDIKVEVQQPMKMGMTEDDKRNCCLLEIQETEAKYYRTLEDIEKNYMSPLRLVLSP ADMAAVFINLEDLIKVVHHSFLRAIDVSVMVGGSTLAKVFLDFKERLLIYGEYCSHMEH AQNTLNQLLASREDFRQKVEECTLVQDGKFKLQDLLVPMQRVLKYHLLLKELLSH SAERPERQQLKEALEAMQDLAMYINEVKRDKETLRKISEFQSSIENLQVKLEEFGRP KIDGELKVRISIVNHTKQDRYLFLFDKVVIVCKRKGYSYELKEIIELLFHKMTDDPMNNK DVKKWSYGFYLIHLQKGQGFQFFCKTEDMKRKWMEQFEMAMSNIPDKANANHHS</p>

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FQMYTFDKTTNCKACKMFLRGTFYQGYMCTKCGVGAHKECLEVIPPCCKFTSPADLD
 ASGAGPGPKMVAMQNYHGPNAPPGKPVLTFTQGDVLELLRGDPESPWWEGRLVQ
 TRKSGYFPSSSVKPCPVDGRPPISRPPSREIDYTAYPWFAGNMRQQTDNLLKSHA
 SGTYLIRERPAAERFAISIKFNDEVKHIKVVEKDNWIHITEAKKFDSLLELVEYYQCH
 SLKESFKQLDTTLKYPYKSRERSASRASSRSPVFTPRVIGTAVARYNFAARDMRELS
 LREGDVVRIYSRIGGDQGWKGETNGRIGWFPSTYVEEEGIQTRTRPLEQKLISEE
 DLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [VAV2 vav 2 guanine nucleotide exchange factor \[Homo sapiens \(human\) \]](#)

Official Symbol [VAV2](#)

Synonyms VAV2; vav 2 guanine nucleotide exchange factor; vav 2 oncogene; guanine nucleotide exchange factor VAV2; VAV-2;

Gene ID [7410](#)

mRNA Refseq [NM_003371](#)

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Protein Refseq NP_003362

MIM 600428

UniProt ID P52735

SDS-PAGE



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