

Product datasheet for PH316175

VAV2 (NM_003371) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VAV2 MS Standard C13 and N15-labeled recombinant protein (NP_003362)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216175
Predicted MW:	96.9 kDa
Protein Sequence:	>RC216175 representing NM_003371 Red=Cloning site Green=Tags(s)

MEQWRQCGRWLI DCKVLPNHRVWPSAVVFDLAQALRDGVL L CQLLHNLSPGSIDLKIDINFRPQMSQFL
CLKNIRTF LKVCHDKFGLRNSE L FDPDLFDVDFGKVISAVSRLSLHSAQNKGIRPFSEETTENDDD
VYRSLEELADEHDLGEDIYDCVPCEDGGDDIYEDI I KVEVQQPMKMGMTEDDKRNCCLLEIQETEAKYYR
TLEDIEKNYMSPLRVLSPADMAAVFINLEDLIKVHHSFLRAIDVSVMVGGSTLAKVFLDFKERLLIYGE
YCSHMEHAQNTLNQLLASREDFRQKVEECTLKVQDGKFKLQDLLVVPMQRVLYHLLKELLSHSAERPE
RQQLKEALEAMQDLAMYINEVKRDKETLRKISEFQSSIENLQVKLEEFGRPKIDGELKVRISIVNHTKQDR
YLF LFDKVVIVCKRKGYSYELKEIIE LLFHKMTDDPMNNKDVKKWSYGFYLIHLQKGQGFQFFCKTEDMK
RKWMEQFEMAMSNIKPKANANHHSFQMYTFDKTTNCKACKMFLRGTFYQGYMCTKCGVGAHKECLEVIP
PCKFTSPADLDASGAGPGPKMVAMQNYHGNPAPPGKPV LTFQTGDVLELLRGDPESPWEGRLVQTRKSG
YFPSSSVKPCPVDRPPI SRPPSREIDYTAYPWFAGNMRQQTNDLLKSHASGYLIRERPAEAERFAIS
IKFNDEVKHIKVVVEKDNWIHITEAKKFDLSLELVEYYQCHSLKESFKQLD T TLKYPYKSRERSASRASSR
SPVFTPRVIGTAVARYNFAARDMRELSLREGDVVRIYSRIIGDQGWKGETNGRIGWFPSTYVEEEGIQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003362



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RefSeq Size:	4707
RefSeq ORF:	2517
Synonyms:	VAV-2
Locus ID:	7410
UniProt ID:	P52735
Cytogenetics:	9q34.2

Summary: 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. [provided by RefSeq, Aug 2008]

Protein Families: Druggable Genome

Protein Pathways: B cell receptor signaling pathway, Chemokine signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Regulation of actin cytoskeleton, T cell receptor signaling pathway

Product images:



Coomassie blue staining of purified VAV2 protein (Cat# [TP316175]). The protein was produced from HEK293T cells transfected with VAV2 cDNA clone (Cat# [RC216175]) using MegaTran 2.0 (Cat# [TT210002]).