

Product datasheet for **SC203138**

VAV1 (NM_005428) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	VAV1 (NM_005428) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	VAV1
Synonyms:	VAV
ACCN:	NM_005428
Insert Size:	284 bp
Insert Sequence:	>SC203138 3'UTR clone of NM_005428 The sequence shown below is from the reference sequence of NM_005428. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA ACGATCGCC GTGGAGGAAGATTATTCTGAATACTGCT TGA GCCCTGGTGCCTTGGCAGAGAGACGAGAACTCCAGGCT CTGAGCCCGGCGTGCGCAGGCAGCGGAGCCAGGGGCTGTGACAGCTCCCAGCGGGTGGAGACTTTGGGA TGGACTGGAGGAGGCCAGCGTCCAGCTGGCGGTGCTCCCAGGATGTGCCCTGACATGGTTAATTTATAA CACCCCGATTTCTCTTGGGTCCCCTCAAGCAGACGGGGCTCAAGGGGTTACATTTAATAAAAGGATG AAGATGGA ACGCGT AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_005428.4</u>



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Summary:

This gene is a member of the VAV gene family. The VAV proteins are guanine nucleotide exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. The encoded protein is important in hematopoiesis, playing a role in T-cell and B-cell development and activation. The encoded protein has been identified as the specific binding partner of Nef proteins from HIV-1. Coexpression and binding of these partners initiates profound morphological changes, cytoskeletal rearrangements and the JNK/SAPK signaling cascade, leading to increased levels of viral transcription and replication. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2012]

Locus ID:

7409

MW:

10.2