

Product datasheet for **MG210763**

Vav1 (BC020487) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vav1 (BC020487) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Vav1
Synonyms:	Vav; vav-T
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>MG210763 representing BC020487
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCTCTGGCGACAGTGCACCCACTGGCTGATCCAGTGTGCGGTGCTGCCTCCAGCCACCGTGTGA
CCTGGGAGGGGGCCAGGTGTGTGAGCTGGCACAGGCACTGCGGGACGGTGTCTTGTGCCAATTGCT
TAACAACCTGTTCCCCAGGCCATTAATCTTCGCGAGGTTAACTTGGCGCCCAAGATGTCCAGTTCCTT
TGTCTTAAGAACATTCGAACCTTCTGTCTACTTGTGTGAGAAGTTCGGCCTCAAGCGCAGTGAACCT
TTGAGGCTTTTGACCTTTCGATGTGCAGGACTTTGAAAGGTCACTACACCCTGTCTGCTGTGCATG
GACACCCATTGCCAGAACAAAGGAATCATGCCCTTCCAACAGAGGACAGCGCTCTGAACGACGAAGAT
ATTTACAGTGGCCTTTCAGACCAGATTGATGACACCGCAGAGGAAGACGAGGACCTTTATGACTGCGTGG
AAAATGAGGAGGCAGAGGGGACGAGATCTACGAGGACCTAATGCGCTTGGAGTCGGTGCCTACGCCACC
CAAGATGACAGAGTATGATAAGCGCTGCTGCTGCCTGCGGGAGATCCAGCAGACGGAGGAGAAGTATACA
GACACACTGGGCTCCATCCAGCAGCACTTCATGAAGCCTCTGCAGCGATTCTTAAGCCTCAAGACATGG
AGACCATCTTTGTCAACATTGAGGAGCTGTTCTCTGTGCATACCCACTTCTTAAAGGAACGAAGGATGC
CCTGGCTGGCCCGGAGCAACAACACTGTATCAGGTCTTCATCAAGTACAAGGAGAGGTTCTGGTTTAT
GGCCGTTATTGCAGTCAGGTGGAGTCAGCCAGCAAGCACTTGGATCAAGTGGCCACAGCAGGGAGGATG
TGCAGATGAAGCTGGAGGAATGTTCTCAAAGAGCTAACAAATGGCCGATTCACCCTACGGGATCTGCTGAT
GGTACCTATGCAGCGGTGCTGAAGTACCACCTCCTTCTCCAGGAGCTAGTGAACACACACAGGATGCT
ACAGAGAAGGAGAACCTGCGGTTGGCCCTGGACGCCATGAGGGACCTGGCACAGTGCCTGAACGAGGTCA
AGAGGGACAATGAAACCTACGGCAGATCACAACTTTCAGCTGTCCATTGAGAACCTGGACCAGTCTCT
GGCTAACTATGGCCGGCCCAAGATTGACGGTGAGCTCAAGATTACCTCAGTGGAGCGTCGCTCAAAGACA
GACAGGTATGCCTTCTGCTGGACAAAGCACTGCTCATCTGTAACGCGCCGCGGGACTCTTACGACCTCA
AAGCCTCGGTGAACCTGCACAGCTTCCAAGTTCGAGATGACTCCTCCGGGAGCGAGACAACAAGAAGTG
GAGCCATATGTTCTTCTGATTGAGGATCAAGGCGCCAGGGCTATGAGCTGTTCTTCAAGACTCGGGAG
CTGAAGAAGAAGTGGATGGAACAGTTCGAAATGGCCATCTCCAACATTTACCCAGAGAATGCTACAGCCA
ATGGGCATGATTTTCAGATGTTCTCCTTTGAGGAGACCACTTCTGCAAGGCTGCCAGATGTTACTCAG
AGGCACATTCTACCAGGGATATCGCTGTTACAGGTGCCGGCACCTGCACACAAGGAGTGTCTGGGGAGA
GTGCTCCCTGTGGTCGCCATGGGCAAGATTTTCGAGGAACCATGAAGAAGGACAAGCTCCATCGAAGGG
CCCAGGACAAGAAAAGGAATGAATTGGGTCTGCCTAAGATGGAAGTGTTCAGGAATACTATGGGATCCC
TCTCCACCTGGAGCCTTTGGGCCATTTTACGGCTCAACCCTGGGGACATTGTGGAGCTCACTAAGGCA
GAGGCTGAGCACAACCTGGTGGGAGGGAAGGAATACTGCTACAAATGAAGTCGGCTGGTTTCCCTGTAA
GAGTGCATCCCTATGTCCACGGCCCTCCTCAGGACCTGTCTGTGCATCTCTGGTATAACCTGGAGGTCAA
GCATATTAATAATCATGACGTGAGAGGGTGTACCGGATCACAGAGAAGAAGGCTTTCGGGGCCTTCTG
GAACTGGTAGAGTTTTATCAGCAGAATTCCTCAAAGATTGCTTCAAGTCGTTGGACACCACCTTGCAGT
TTCCTTAAGGAACCTGAGAGGAGAGCCATCAGCAAGCCACCAGCTGGAAGCACCAAGTATTTTGGCAC
TGCCAAAGCCCGCTACGACTTCTGTGCCGGGACAGGTCGGAACCTGTCCTTAAGGAGGGTGATATCATC
AAGATCCTCAATAAGAAGGGACAGCAAGGCTGGTGGCGTGGGGAGATCTACGGCCGGATCGGCTGTTCC
CTTCTAACTATGTGGAGGAAGACTATTCGAATATTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG210763 representing BC020487
Red=Cloning site Green=Tags(s)

MELWRQCTHWLIQCRVLPSPSHRVTWEGAQVCELAQALRDGVLLCQLLNLLPQAINLREVNLRPQMSQFL
CLKNIRTFLLSTCCEKFGGLKRSELFDAFDLFDVQDFGKVIYTLALSWSWTPIAQNKGI MPFPPTEDSALNDED
IYSGLSQIDDTAEDEEDLYDCVENEEAEGDEIYEDLMRLESVPTPPKMTEYDKRCCCLREIQQTEEKYT
DTLGSIQQHFMKPLQRFLKPDQMETIFVNIIEELFSVHHTFLKELKDALAGPGATTLYQVFIKYKERFLVY
GRYCSQVESASKHLDQVATAREDVQMKLEECSSQRANNGRFTRDLLMVPQQRVLYHLLQLQELVKHTQDA
TEKENLRLALDAMRDLAQCVNEVKRDNETLRQITNFQLSIENLDQSLANYGRP KIDGELKITSVERRSKT
DRYAFLLDKALLICKRRGDSYDLKASVNLHSFQVRDSSGERDNKKWSHMFLIEDQGAQGYELFFKTRE
LKKKWMEQFEMAI SNIYPENATANGHDFQMF SFEETT SCKACQMLLRGTFYQGYRCYCRAPAHKECLGR
VPPCGRHGQDFAGTMKKDKLHRR AQDKKRNELGLPKMEVFQEYYGIPPPGAFGPFLRLNPGDIVELTKA
EAEHNWWEGRNTATNEVGWFFPCNRVHPYVHGPPQDLSVHLWYNVEVKHIKIMTSEGLYRITEKKA FRGLL
ELVEFYQQNSLKDCFKSLDTTLQFPYKEPERRAISKPPAGSTKYFGTAKARYDFCARDRSELSLKEGDII
KILNKKGGQGWWRGEIYGRIGWFPSNYVEEDYSEYC

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC020487](#), [AAH20487](#)

RefSeq Size: 2773 bp

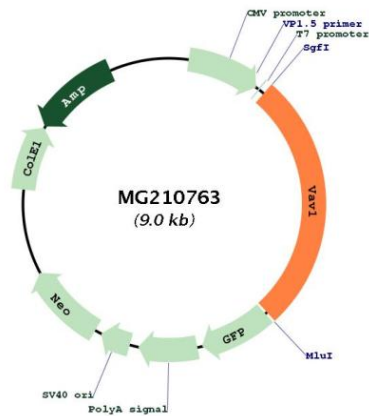
RefSeq ORF: 2420 bp

Locus ID: 22324

Cytogenetics: 17 29.76 cM

Gene Summary: Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG210763