

Product datasheet for MR227639

Vegfb (NM_011697) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vegfb (NM_011697) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Vegfb
Synonyms: VEGF-B; Vrf
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR227639 representing NM_011697
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCCCCCTGCTCCGTCGCCTGCTGCTTGTGCACTGCTGCAGCTGGCTCGCACCCAGGCCCTGTGT
 CCCAGTTTGATGGCCCCAGCCACCAGAAGAAAGTGGTCCATGGATAGACGTTTATGCACGTGCCACATG
 CCAGCCCAGGGAGGTGGTGGTGCCTCTGAGCATGGAACATATGGCAATGTGGTCAAACACTAGTGCCC
 AGCTGTGTGACTGTGCAGCGCTGTGGTGGCTGCTGCCCTGACGATGGCCTGGAATGTGTGCCACTGGGC
 AACACCAAGTCCGAATGCAGATCCTCATGATCCAGTACCCGAGCAGTCAGCTGGGGGAGATGTCCCTGGA
 AGAACACAGCCAATGTGAATGCAGACCAAAAAAAAAAGGAGAGTGTGTGAAGCCAGACAGGGTTGCCATA
 CCCACCAACCGTCCCCAGCCCCGCTCTGTTCCGGGCTGGGACTCTACCCCGGGAGCATCCTCCCCAGCTG
 ACATCATCCATCCCCTCCAGCCCCAGGATCCTCTGCCCGCTTGACCCAGCGCCGTCAACGCCCTGAC
 CCCCGACCTGCCGCTGCCGCTGCAGACGCCGCCGCTTCTCCATTGCCAAGGGCGGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR227639 representing NM_011697
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MSPLLRLLLLVALLQLARTQAPVSQFDGPSHQKKVVPWIDVYARATCQPREVVVPLSMELMGNVVKQLVP
 SCVTVQRCGGCCPDDGLECVPTGQHVRMQILMIQYPSQLGEMSL EEHSQCCECRPKKESAVKPDRVAI
 PHHRPQPRSVPGWDSTPGASSPADIIHPTPAPGSSARLAPSAVNALTPGAAAAADAAAASSIAKGGGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



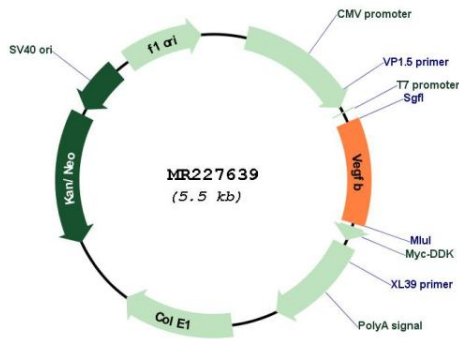
[View online »](#)

Cytogenetics: 19 A

MW: 22.4 kDa

Gene Summary: Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis. VEGF-B seems to be required for normal heart function in adult but is not required for proper development of the cardiovascular system either during development or for angiogenesis in adults. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR227639