

Product datasheet for **MC207442**

Vegfc (NM_009506) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vegfc (NM_009506) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vegfc
Synonyms:	AW228853; VEGF-C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207442 representing NM_009506 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCACTTGCTGTGCTTCTGTCTCTGGCGTGTTCCCTGCTCGCCGCTGCGCTGATCCCCAGTCCGCGG
AGGCGCCCGCCACCGTCGCCCTTCGAGTCGGGACTGGGCTTCTCGGAAGCGGAGCCCGACGGGGCGA
GGTCAAGGCTTTGAAGGCAAAGACCTGGAGGAGCAGTTGCGGTCTGTGTCCAGCGTAGATGAGCTGATG
TCTGTCTGTACCCAGACTACTGAAAAATGTACAAGTCCAGCTCGGAAAGCGGCTGGCAGCAGCCCA
CCCTCAATACCAGGACAGGGACAGTGTAAAATTTGCTGTGCACATTATAACACAGAGATCCTGAAAAG
TATTGATAATGAGTGGAGAAAGACTCAATGCATGCCACGTGAGGTGTGTATAGATGTGGGAAGGAGTTT
GGAGCAGCCACAAACACCTTCTTTAAACCTCCATGTGTGTCCGTCTACAGATGTGGGGTTGCTGCAACA
GCGAGGGGCTGCAGTGCATGAACACCAGCACAGGTTACCTCAGCAAGACGTTGTTTAAAATTACAGTGCC
TCTCTCACAAGGCCCAAACCAAGTCACAATCAGTTTTGCCAATCACACTTCTGCCGGTGCATGTCTAAA
CTGGATGTTTACAGACAAGTTCATTCAATTATTAGACGTTCTCTGCCAGCAACATTACCACAGTGCAGG
CAGCTAACAGACATGTCCAACAACTATGTGTGGAATAACTACATGTGCCGATGCCTGGCTCAGCAGGA
TTTTATCTTTTATTCAAATGTTGAAGATGACTCAACCAATGGATTCCATGATGTCTGTGGACCAACAAG
GAGCTGGATGAAGACACCTGTCAAGTGTCTGCAAGGGGGGCTTCGGCCATCAGTTGTGGACCCCA
AAGAAGTAGATAGAGACTCATGTCAAGTGTCTGTAAAAACAACTTTTCCCTAATTCATGTGGAGCCAA
CAGGGAATTTGATGAGAATACATGTCAAGTGTGTATGTAAGAAGACGTGTCCAAGAATCAGCCCCGAAT
CCTGGGAATGTGCCTGTGAATGTACAGAAAACACACAGAAGTGCTTCTTAAAGGGAAGAAGTTCCACC
ATCAAACATGCAGTTGTTACAGAAGACCGTGTGCGAATCGACTGAAGCATTGTGATCCAGGACTGTCCTT
TAGTGAAGAAGTATGCCGCTGTGCCATCGTATTGAAAAGGCCACATCTGAACATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009506
Insert Size:	1248 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>BC096377</u> , <u>AAH96377</u>
RefSeq Size:	1806 bp
RefSeq ORF:	1248 bp
Locus ID:	22341
UniProt ID:	<u>P97953</u>
Cytogenetics:	8 B1.3
Gene Summary:	Growth factor active in angiogenesis, and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. May function in angiogenesis of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. Binds and activates KDR/VEGFR2 and FLT4/VEGFR3 receptors.[UniProtKB/Swiss-Prot Function]