

## Product datasheet for **RN203681**

### Vegfc (NM\_053653) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vegfc (NM_053653) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vegfc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203681 representing NM_053653 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGCACTTGCTGTGCTTCTTGCTCTGGCGTGTTCTTGCTCGCCGCTGCGCTGATCCCCGGTCCGCGCG  
AGGCGCCCGCCACCGTCGCCCTTCGAGTCGGGACTGGGCTTCTCGGAAGCAGAGCCGGGCGCGG  
GGTCAAGGTTTTGAAGGCAAAGACCTGGAGGAGCAGTTGCGGTCTGTGCCAGTGTAGATGAGCTCATG  
TCTGTCTGTACCCAGACTACTGAAAAATGTACAAGTGCCAGCTAAGGAAAGCGGCTGGCAGCAGCCCT  
CCCTCAACATGAGGACAGGGGACTGTAAAATTGCTGCTGCACATTACAACACTGAGATCCTGAAAAG  
TATTGATAATGAGTGGAGAAAGACTCAATGCATGCCACGTGAGGTGTGTATAGATGTGGGAAGGAGTTT  
GGAGCAGCCACAAACACCTTCTTTAAACCTCCATGTGTGTCCGTCTACAGATGTGGGGTTGCTGCAACA  
GTGAAGGGCTGCAATGCATGAACACCAGCACAGGTTACCTCAGCAAGACGTTGTTTGAATTACAGTGCC  
TCTCTCAAGGCCCAAACCAGTCACAATCAGTTTTGCCAATCACACTTCTGCCGGTGCATGTCTAAA  
CTGGATGTTTACAGACAAGTTCATTCAATTATTAGACGTTCTCTGCCAGCAACATTACCACAGTGCAGG  
CAGCTAACAGACTTGTCCAGCAAACACTAGTGTGAATAACTACATGTGTCAATGCCTGGCTCAGCAGGA  
TTTTATCTTTTATCAAATGTTGAGGATGACTCATCCAATGGATTCCATGATGTCTGTGGACCAACAAG  
GAGTTGGATGAAGACACCTGCCAGTGTGTCTGCAAGGGGGGCTTCGACCATCCAGCTGTGGACCCACA  
AAGAGCTAGATAGAGACTCATGCCAGTGTGTCTGTAAAAACAACTTTTCTTAATTCATGTGGAGCCAA  
CAGGGAATTTGATGAGAACACATGCCAGTGTGTCTGCAAGAGAACATGTCCAAGAAATCAACCCCTGAAT  
CCTGGAAAATGTGCTGTGAATGTACAGAAAACACACAGAAGTGCTTCTAAAAGGGAAGAAATTCACC  
ATCAAACATGCAGCTGTTACAGACGACCATGTACAAATCGACTGAAGCATTGTGATCCGGGACTGTCATT  
TAGTGAAGAGGTGTGCTGCTGTGCCATCATATTGAAAAAGACCACATCTGAAC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_053653
<b>Insert Size:</b>	1248 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_053653.1</a> , <a href="#">NP_446105.1</a>
<b>RefSeq Size:</b>	1596 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	114111
<b>UniProt ID:</b>	<a href="#">O35757</a>
<b>Cytogenetics:</b>	16p11
<b>Gene Summary:</b>	platelet-derived growth factor/vascular derived growth factor (PDGF/VEGF); active in angiogenesis and endothelial cell growth [RGD, Feb 2006]