

Product datasheet for **RN207561**

Vegfd (NM_031761) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vegfd (NM_031761) Rat Untagged Clone
Tag: Tag Free
Symbol: Vegfd
Synonyms: Figf; Vegf-d
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207561 representing NM_031761
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTATGGAGAGTGGGCCGAGTGAATATTCTCATGATGTCCTATGTGTACCTGGTGCAGGGCTTCAGTA
TTGAACACCGAGCAGTGAAGGATGTTTCTCTTGAGCGATCATCCCGGTCTGTGTTGGAACGTTCTGAACA
ACAGATCCGCGCGGCTTCTACTTTGGAAGAGTTGCTGCAAGTCGCACACTCTGAGGACTGGAAGCTGTGG
CGGTGCCGTTGAAGCTTAAAAGCTTGCCAATGTGGACTCGCGCTCAACATCCCATCGCTCCACCAGAT
TTGCGGCAACTTTCTATGATACTGAAACTAAAAGTTATAGATGAAGAATGGCAGAGGACCCAATGCAG
CCCTAGAGAGACATGCGTAGAAGTCGCCAGTGAGCTGGGGAAGACAACCAACACATTTTTCAAGCCCCCT
TGTGTAATGTCTCCGGTGTGGAGGATGCTGCAATGAAGAGAGCGTGATGTGTATGAACACAAGCACCT
CCTACATCTCAAACAGCTCTTTGAGATATCAGTGCCTCTGACATCAGTGCCCGAGTTAGTGCCTGTTAA
AATTGCCAACCATACGGGTTGTAAGTGTGGCCACGGGCCCGGCATCCTTATTCAATTATCAGAAGA
TCCATTCAGATCCAGAAGAAGATCAATGTCTCATTCCAAGAACTCTGTCTGTTGACATGCTGTGGG
ATAACACCAAAATGTAATGTGTTTTACAAGATGAGAATCCACTGCCTGGGACAGAAGACCACTTTACCT
CCAGGAACCGCTCTCTGTGGACCACACATGATGTTTGATGAAGATCGCTGCGAGTGTCTGTAAAGCA
CCATGTCTGGAGATCTCATTACGACCCGGAAAAGTGCAGTTGCTTTGAATGCAAAGAAAGTCTGGAAA
GCTGTTGCCAAAAGCACAAAGATGTTTCACCCTGACACCTGCAGATCAATGGTCTTTTCACTGTCCCCTTA
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031761



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Insert Size:	981 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>NM_031761.1</u> , <u>NP_113949.1</u>
RefSeq Size:	1491 bp
RefSeq ORF:	981 bp
Locus ID:	360457
UniProt ID:	<u>O35251</u>
Cytogenetics:	Xq14
Gene Summary:	binds to and activates the tyrosine kinase receptor VEGFR-3 and VEGFR-2; involved in positive regulation of lymphatic blood vessel growth [RGD, Feb 2006]