

Product datasheet for **RN210981**

Egfl7 (NM_139104) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Egfl7 (NM_139104) Rat Untagged Clone
Tag: Tag Free
Symbol: Egfl7
Synonyms: MGC93163
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210981 representing NM_139104
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCGCAAGGTTCTGGAACTCCCTGAATGGGTGACAGACAGGCCTCTCTACCCACAGCAATATGCC
AGCCACCGTGTGGGAATGAAGGGAGTTGCATCCGCCAGGCCGCTGCCGCTGCCCTGTGGGATGGCAGGG
AGATACTTGCCAGATAGATGTTGATGAATGCAGTACAGGAGAGGCCAGGTGTCCCAGCGCTGTGTCAAT
ACTGTGGGAAGTTACTGGTGCCAGTGTGGGAGGGGCAGAGCCATCTGCAGATGGGGTGCCTGCTGCCTGC
CTAAGGAGGGGCCCTCCCGGTGGCACCAGTCCACGCCAGGAGTGGACAGCGTGGTGAGAGAGRAGGT
GTACAAGCTGCAGGCCCGGGTTGATGTATTAGAACAGAACTGCAGCTGGTGTGGCCCCACTGCACAGC
CTGGCCTCTCGGTCCCGGAGCATGGGCTGCAAGATCCTGGCAGCCTGCTGGCCCCACTCCTCCAGCAGC
TGGACCGATTGACTCACTGAGCGAGCAGGTCTCCTTCTGGAGGAACAGCTGGGGTCTGCTCTTGCAA
AAAAGACCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_139104
Insert Size: 573 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).



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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_139104.1</u> , <u>NP_620804.1</u>
RefSeq Size:	1888 bp
RefSeq ORF:	573 bp
Locus ID:	245963
UniProt ID:	<u>Q6AZ60</u>
Cytogenetics:	3p13
Gene Summary:	Regulates vascular tubulogenesis in vivo. Inhibits platelet-derived growth factor (PDGF)-BB-induced smooth muscle cell migration and promotes endothelial cell adhesion to the extracellular matrix and angiogenesis (By similarity).[UniProtKB/Swiss-Prot Function]