

Product datasheet for **RN204798**

Egfem1 (NM_001107663) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Egfem1 (NM_001107663) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Egfem1
Synonyms:	RGD1307225
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204798 representing NM_001107663
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGACCTCTGGCTGTGCTTCTGGTGCGTCTGCGTCTGGGCCGCTGCCAGCTGGCCGCCAGGAAGCGCCC
 TACAGCTCCAGCCCGGCATGCCAAATGTTTGCAGAGAGGAGCAGCTGACCTTGGTAAGACTGTCAGCCCC
 ATGCACCCGAGCTTTCATAGACACCATCCAGTTCTGGAGACAAGGCTGCTCAGGCCACGGTGGTGATG
 GGATATGAAAGAAGGTTTCGCTACTACATCATCTACAGACATGTGTATGCCACAGAGCACCAGACAGTCT
 TCCGGTGTGCCCTGGTTGGAACCAATGGGATGATGAACCAGGCTGCTTACCTCTGTCTCTTTGGG
 AACTCATTTTCAGTGAAGGGAATGCTGGGATGGAGACACAGCAGTGCCTTTGTTACAGAGGATTTTCAT
 GGACCCCACTGTCAATATGATATAAATGAATGTGCTGTTGACAATGGTGGCTGTCAAGACCAATGCTGGA
 ATACGATTGGCAGTTATTACTGCATATGTCAAGCTGGCCAAAACTGGAGGAAGATGGCAGAGGATGTGA
 AGACGTGGATGAGTGTGCACTCGTGAATGGAGGCTGCCAGCAGCGCTGTATTAACACTCCGGGCACCTTC
 CACTGTGACTGTGACACAGGATACAGACGCCATGCTGACGAACGTACCTGCATAAAGACAGACCCCTGCG
 CAGGTGCAAAATGGATGTGCTCACCTGTGTCAAAGCGAGAATGGCATGGCCAGGTGCGCCTGCCATGCTGG
 GTACCAAGTTGTCTGAAGACAAAAGGCCTGCGAAGATATAAATGAGTGTGCTGAGGAGCTCACTACCTGT
 GCTCATGGCTGTGTGAATCAAAGGGGTCCTTCACGTGCACCTGCCAGCCTGGCTTTGAGCTAGGAGCTG
 ATGGGAAACACTGTTACAGAATTGAATTAGAAATTGTCAATATCTGTGAAAAGAACAAATGGCGGTTGTTC
 TCATCACTGCAAGGCTGCGATTGGTGGACCCATTGTTCTGTAAACCACGGACATCAGCTCGATACAGAT
 GGGAAAACATGCATAGACTTTGATGAATGCAAGAGCGGAGAAGCCTGCTGTGCCAGCTCTGTATCAACT
 ACTTAGGAGGCTATGAGTGCAGCTGTGAGGAAGGCTTTCACATCGATGCGGATGGTTGTGGATGTGACGC
 TTTAGACGATGAACAATTAGAGGAGGAAGAAGAGGAAATAGACATCCTGAGGTTTCCAGGCCTTCTGGTT
 CAGAGCCTACCTCAGCCACTCCCTTATCTGGATCCTTCTGACTGCTTCATATGAAGATGAAGACAATG
 ATGATGCAGTCCACGGAGCAGAAGGAGAGTTCCAAGGGCTGGCTGCCTTGACAGAGTTGTCTGTTTAGA
 TGGCACCTTTGGCCTGGATTGCAGCTTGAGCTGTGAAGATTGCATGAATGGAGGGAGATGCCAAGAAGGA
 AAGAGTGGGTGCTTCTGCCCAGCAGGATGGAGTGGCCTCCTATGCAATGAAAGCGATAGCCTAAGAACTG
 TGAAGATCAGCAAGCTCCTATGGGTGAGTTCCTCAGCAAAAGCACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001107663

Insert Size: 1593 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:

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: NM_001107663.1, NP_001101133.1

RefSeq Size: 2714 bp

RefSeq ORF: 1593 bp

Locus ID: 310269

Cytogenetics: 2q24