

Product datasheet for **MC217618**

Egfem1 (NM_001167748) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Egfem1 (NM_001167748) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Egfem1
Synonyms:	6130401L20Rik; Efcab11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217618 representing NM_001167748
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCTCCCCACTGTGCTTCTGGTGTCTCTCGCTCTGGGCCGCTGCCAACTGGCCGCCAGGAAGCGCCC
 TACAGCTCCAGCCGGCATGCCAAATGTTTGCAGAGAGGAGCAGCTGACCTTGGTAAGACTGTCAGGCC
 ATGTGCCCAAGCCTTCATAGACACCATCCAGTTCTGAAAACAAGGCTGCTCAGGCCACGGTGGTGTGTG
 GGATACGAGAGAAGGATTCGCTACTACATCATCTACAGACATGTATATGCCACAGAGCACCAGACAGTCT
 TCAGGTGCTGCCCTGGTTGGATCCAATGGGATGATGAACCAGGCTGCTTCTCTCTCTCTCTCTCTGGG
 AACTCATTTTCAGTGAAGGGAGTCTCGTATCAGGACACTCGGCAGTGCCTTTGTTCCACAAGGATTTTCAT
 GGACCCCACTGTCAATATGATATAAATGAATGTGCTGTTGACAATGGAGGCTGTCGAGACCGATGCTGTA
 ATACGATTGGCAGTTATTACTGCAGATGTCAAGCTGGCCAAAAGCTGGAGGAAGATGGCAGAGGATGCCA
 AGATGTGGATGAGTGTGCCGTGGTGAACGGAGGCTGCCAGCAGCGCTGTATTAACACTCTGGGCACCTTC
 CACTGTGAGTGTGACACAGGATACAGACGCCATGCTGACGAACGTACCTGCATAAGAATTGAATTAGAAA
 TTGTCAATATCTGTGAGAAGAACAATGGCGGCTGTTCTCATCACTGCGAGCCTGCAATTGGTGGAGCCCA
 CTGTTCTGTAAACCACGGACATCAACTGGATACCGATGGGAAAACATGTATAGACTTTGATGAATGTGAG
 AGCGGAGAAGCCTGCTGTGCCAACTCTGCATCAACTACTTAGGAGGCTATGAGTGCAGCTGTGAGGAAG
 GCTTTCAGATCAGTTCGGATGGTTGTGGATGTGATGCTTTAGATGAGCAGTTAGAGGAAGAAGAAGAGGA
 AATAGACATTCTGAGGTTCCAGGCCGCTGGCTCAGAACCACCTCAGCCATTCCTTATCTTGATCCT
 TCTCTGACTGCTTCATATGAAGATGAAGACAATGATGATGCTGACTCTGAAGCAGAAGGAGAGGTCCAAG
 GGCTGACAGCCTTGACAGAGTTGTCTGTTTAGATGGCACCTTTGGCCTGGACTGCAGCTTGAGCTGTGA
 AGATTGTATGAATGGAGGAAGATGCCAAGAAGGAAGAGTGGGTGCTTGTGCCACGAGAATGGACTGGT
 CTTATATGCAATGAAAGCAGTGTCTTAAGAAGTGGGGAAGATCAGCAAGCTCCTGCGGGATGCCTGAAAG
 GGTTCTTTGGGAAGAAGTGCAAAAGAAAATGTCATTGTGCTAACAAATGTTTCATTGCCACAGGGTATATGG
 TGCTGATGTGTGACCTAGGGCGCTATGGAAGATTCTGCCACCTAAGCTGTCCAGGGGAGCCTATGGA
 GCTAGCTGTTCTTTGGAATGTCAGTGTGTGGAAGAGAACCCTGGAATGCAGTGCCAAAATGGTAGTT
 GCACCTGCAAATCTGGTTACCAAGGCAACAGATGCCAGGAAGAATTGCCCTTGCCAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001167748

Insert Size: 1602 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_001167748.1](#), [NP_001161220.1](#)

RefSeq Size: 2519 bp

RefSeq ORF: 1602 bp

Locus ID: 75740

UniProt ID: [Q8C088](#)

Cytogenetics: 3 A3