

Product datasheet for **MC219433**

Egfem1 (NM_029412) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Egfem1 (NM_029412) 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: >MC219433 representing NM_029412
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCTCCCACTGTGCTTCTGGTGTCTCTCGTCTGGGCCGCTGCCAACTGGCCGCCAGGAAGCGCCC
 TACAGCTCCAGCCCGGCATGCCAAATGTTTGCAGAGAGGAGCAGCTGACCTTGGTAAGACTGTCACGCC
 ATGTGCCCAAGCCTTCATAGACACCATCCAGTTCTGGAAACAAGGCTGCTCAGGCCACGGTGGTGTGTG
 GGATACGAGAGAAGGATTCGCTACTACATCATCTACAGACATGTATATGCCACAGAGCACCAGACAGTCT
 TCAGGTGCTGCCCTGGTTGGATCCAATGGGATGATGAACCAGGCTGCTTCTCTCTCTCTCTCTCTGGG
 AACTCATTTTCAGTGAAGGGAGTCTCGTATCAGGACACTCGGCAGTGCCTTTGTTCCACAAGGATTTTCAT
 GGACCCCACTGTCAATATGAGAAGAACAACACCTAGAAAGCGAACTGACACCTGGATTCCTACAGAAAA
 ATGTGGATGAGTGTGCCGTGGTGAACGGAGGCTGCCAGCAGCGTGTATTAACACTCTGGGCACCTTCCA
 CTGTGAGTGTGACACAGGATACAGACGCCATGCTGACGAACGTACCTGCATAAAGACAGACCCCTGTGCA
 GGTGCAAAATGGATGTGCTCACCTATGTCAAATGAAAATGGCATGGCCAGGTGTGCCTGCCACGCTGGGT
 ACCAGCTGTCTGAAGACAAAAGGCCTGCGAAGATATAAATGAGTGTGCTGAAGAAGTCCCTCCCTGTGC
 TCATCACTGTGTGAACCTCAAAGGGTCTTCACATGTACCTGCCACCCTGGCTTTGAGCTAGGAGCTGAC
 AGAAAACATTGTTACAGAATTGAATTAGAAATTGTCAATATCTGTGAGAAGAACAATGGCGGCTGTTCTC
 ATCACTGCGAGCCTGCAATTGGTGGAGCCCACTGTTCTGTAAACCACGGACATCAACTGGATACCGATGG
 GAAAACATGTATAGACTTTGATGAATGTGAGAGCGGAGAAGCCTGCTGTGCCCAACTCTGCATCAACTAC
 TTAGGAGGCTATGAGTGCAGCTGTGAGGAAGCCTTTCAGATCAGTTCGGATGGTGTGGATGTGATGCTT
 TAGATGAGCAGTTAGAGGAAGAAGAAGAGGAAATAGACATCTGAGGTTTCCAGGCCGTCTGGCTCAGAA
 CCACCTCAGCCATTCCTTATCTTGATCCTTCTGACTGCTTCATATGAAGATGAAGACAATGATGAT
 GCTGACTCTGAAGCAGAAGGAGAGGTCCAAGGGCTGACAGCCTTGTACAGAGTTGTCTGTTTAGATGGCA
 CCTTTGGCCTGGACTGCAGCTTGAGCTGTGAAGATTGTATGAATGGAGGAAGATGCCAAGAAGGAAAGAG
 TGGGTGCTTGTGCCAGCAGAATGGACTGGTCTTATATGCAATGAAAGCAGTGTCCCTAAGAACTGGGGAA
 GATCAGCAAGCTCCTGCGGGATGCCTGAAAGGGTCTTTTGGGAAGAACTGCAAAAGAAAAATGTCATTGTG
 CTAACAATGTTTCATTGCCACAGGTATATGGTGCCTGCATGTGTGACCTAGGGCGCTATGGAAGATTCTG
 CCACCTAAGCTGTCCAGGGGAGCCTATGGAGCTAGCTGTTCTTTGGAATGTCAGTGTGTGAAGAGAAC
 ACCCTGGAATGCAGTGCCAAAAATGGTAGTTGCACCTGCAAACTGTTACCAAGGCAACAGATGCCAGG
 AAGAATTGCCCTTCCAGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_029412
- Insert Size:** 1773 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_029412.1](#), [NP_083688.1](#)

RefSeq Size: 2690 bp

RefSeq ORF: 1773 bp

Locus ID: 75740

Cytogenetics: 3 A3