

Product datasheet for **MC219770**

Fem1c (NM_173423) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fem1c (NM_173423) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fem1c
Synonyms:	2610312A07Rik; 3632443A22Rik; A1646567
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219770 representing NM_173423
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCTAAAGACAGCGGTGTTCAACGCAGCGCGCATGGCAAACCTCCGGCTCCTACCAAGTTGCTGG
 CAAGCAAATCGAAAGCGGAGGTTTCTCCTTAATCTCGGAGAAAACAAATGGGGCCACCCACTTGTGAT
 GGCTGCTAGGTATGGACACCTCGACATGGTAGAATTCCTTCTAGAGCAGTGCAGTCTTCCATAGAAGTC
 GGGGGCTCTGTTAACTTTGACGGGGAAACCATCGAGGGGGCCCCCTTTATGGGCCGCTTCTGCAGCAG
 GACATCTGAAGGTTGTCCAGTCTTTGTTAAATCACGGAGCATCTGTCAACAACACGACTTTAACCAACTC
 AACTCCTCTTCGAGCCGCGTCTCGATGGCCATTTGAAATAGTGAAATACCTTGTAGAACACAAAGCC
 GATTTGGAAGTGTCCAACCGCCATGGGCATACTGCTTGTGATTTTCATGCTATAAAGGACACAAAGAAA
 TCGCTCAGTATTTACTTAAAAGGGGCGAGATGTTAACAGAAAAAGTGTAAAGGCAACTGCATTGCA
 TGATTGTGCAGAGTCTGGAAGTTTGACATCATGAAGATGCTGCTTATGTATTGTCCAAGATGGAGAAA
 GATGGCTACGGAATGACTCCTCTCTCAGCAAGTGTGACTGGTCACACTAATATTGTGGATTTTCTTA
 CGCACCATGCCAGACAAGCAAGACAGAACGTATTAATGCTCTAGAGCTTCTGGGAGCTACGTTTGTAGA
 TAAAAAAGAGATTTACTTGGGGCTTTGAAATACTGAAAAAGGCGATGAACATGAGGTACAGTGATAGG
 ACTAATAAATTAGTAAACAGTCCCACAGACACTGATAATGGCCTATGACTATGCCAAGGAGGTAACA
 GTGCAGAAGAGTTAGAAGTCTTATTGCTGATCCTGATGAGATGAGAATGCAAGCGCTGTTAATTAGAGA
 ACGGATCTTGGTCTTCTCATCCCGATACCTCTTACTACATTAGATATAGGGGTGCTGTCTACGCTGAC
 TCTGGAATTTAAAGCGATGCATCAACCTATGGAATATGCTTTGGATATGCAGCAGAGCAATTTGGACC
 CTTTAAAGCCCAATGACTGCCAGCAGCTTACTGTCTTTTGCAGAAGTCTTCTCCTTCATGCTACAGGACAG
 GGCTAAAGGCTTGTGGGCACTACTGTTACATTTGATGATCTCATGGGCATACTGTGCAAAAGTGCCTT
 GAAATTGAGCGAGCTATCAAACAAACTCAGTGTCCAGCTGACCCATTGCAGTTAAATAAGGCTCTTTCCA
 TCATTTTGCACCTAATTTGCTTATTAGAAAAAGTTCCTTGTACTGTAGAACAGGATCATTCAAAGGCA
 GACCATCTACAGGTTTCTTAAGTTGCATCCAAGAGGAAAGAATAACTTCAGCCCTCTGCATCTGGCTGTG
 GACAAGAATACTACATGTGTGGGCGGTACCCTGTTTGAAGTTTCCATCTCTGCAAGTACTGCGATAC
 TGATAGAATGTGGTGTGATGTGAATGTCAGAGACTCTGATGACAACAGTCCCCTACATATCGCGGCTCT
 GAATAACCATCCAGACATCATGAATCTCCTTATTAATCAGGTGCACATTTTGTGCCACAACTTACAC
 AAACAGACTGCCAGTACTTGTGGACGAGAAGGAGATAGCTAAAAATTTGATACAGCCATAAATCATA
 CCACATTGCAGTGTCTTGTCTCGTGTATCGTGAATCATAGAATCTATTACAAAGGGAACATCCAGAA
 AAAGCTAGAGACCTTTGTTTCACTTCATAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_173423
- Insert Size:** 1854 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_173423.4](#), [NP_775599.1](#)

RefSeq Size: 2866 bp

RefSeq ORF: 1854 bp

Locus ID: 240263

UniProt ID: [Q8CEF1](#)

Cytogenetics: 18 C

Gene Summary: Probable component of an E3 ubiquitin-protein ligase complex, in which it may act as a substrate recognition subunit.[UniProtKB/Swiss-Prot Function]