

Product datasheet for **RN214192**

Fem1a (NM_001025706) Rat Untagged Clone

Product data:

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|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Fem1a (NM_001025706) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Fem1a |
| Synonyms: | MGC114562 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN214192 representing NM_001025706
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCTACACACAGCGGTGTACAATGCGGCGCACGACGGCAAGCTGCTGCTTTCAGAACTGCTGG
 CCGGCCGCGGGCGTGAGGAGATAGAGGAGCTGCTGGGTGAGGTGGCCGGCGGACACCACTGCTAAT
 CGCGGCGCGCCGTGGACACCTGGACGTGGTGGAGTACCTGGTGGACAACCTGCGGCCCACTGTGGAGGCG
 AGCGGCTCCGTACACTTCGATGGCGAGACTATTGAGGGCGCGCCCGCTATGGGAGCGTACGAGCGG
 GTCACTTAGCTGTGGTGCCTTCTGCGCCGAGGGCGCTCGTCAACCGCACTACGCGACCAACTC
 TACGCCGTACGCGCCGCTGCTTTGACGGCCACCTGGACGTGGTGGCTACCTGGTGGCGAGCACAAG
 GCGGACCTAGAGGTAGCCAACCGCCACGGCCACACGTGCCTTATGATATCATGCTACAAGGGCCACCGCG
 AGATTGCGCGCTACCTCCTGGAACGGGGCGCGCAGGTGAATCGTCGAGCGCCAAGGGCAACACCGCCCT
 TCAGACTGTGCGGAATCTGGCAGCCTGGAGATTCTGCAGCTGCTGCTGGGCTGTACGCGCGTATGGAA
 CCGCAGCGCTATGGCATGACCCCGCTACTGGCTGCCAGCGTCACCGGGCACCAACATCGTGGAGTACC
 TCATCCAGGAACAGCCCGCCACGGGCAGCTCTCAGGGACAGAGCTTCCCGGAGAAGGCTCCTCCAGAT
 GGCAGGAAACCACTGTTCCACCCAGAGGAAGCAGAACCCTATGAGAGCTGCTGCCCTACAGCCGGGAA
 GCGGCTGTGGAAGCTTTGGAGCTGCTAGGTGCTACCTATGTCGATAAGAAAAGGGATCTGCTTGGAGCCC
 TGAAGCATTGGAGACGGCAATGGAACCTCCGCCACCGGGTGGGACTACCTTCCTAAGCCTGAACCCCA
 GCAACTGGTCTAGCCTATGACTATTCCAGGGAGGTGAGCACGCCCAAGAGTTGGAAGCCCTCATCACA
 GATCCTGATGAGATGCGGATGCAGGCACTGCTGATACGGGAGAGGATCCTGGGCCCTCGCATCCTGACA
 CTTCATATTACATAAGATACCGGGTGTCTATGACAGCTCTGAAAATTCGAGCGCTGTATCCGCTCT
 GTGGAAGTATGCCTTGGACATGCAACAGAACAACCTGGAGCCCTGAGCCCATGACCGCCAGCAGCTTC
 CTGTCTTTGAGAGCTTCTCTCTACGTGCTGCAGGACCCTCAGCCAAGGGCAACCTAGGCATGCAGC
 TTGGCTTTGCTGACCTCATGGGTGTGCTCAGCAAAGGGTTTCGGGAAGTGGAGCGGGCTCTACAGCTGCC
 CAAGGAACCGGTGACTCTGCACAGTTCACCAAAGCCATTGCCATCATCTCCACCTTCTGTATCTGCTG
 GAGAAGGTGGAGTGCACCCAGCCAGGAACACCTCAAGCACCAGACAGTCTACCGCTGCTCAAGTGTG
 CCCCTCGAGGTAAGAACGGCTTACCCCACTGCACATGGCAGTGGATAAGGAGACCACCAACGTGGGCCG
 GTACCGTGTGGGATCTCCCGTGTGAGGTGGTGAAGTACTGTTGGACTGCGGAGCAGACCCTGAC
 AGCAGGGACTTCGACAACAACACCACTGCATGTCGCTGCCAGAACAATTGCCCTGCCATCATGGATG
 CCTCATCGAAGCTGGAGCCACATGGATGCCACCAATGCCTTCAAGAAGACTGCCTACGAGCTGCTGGA
 CTGGAAGCTGTTAGCCAAGAGCACCATGCAGCCCTTCAATTATGTGACTCCAGTGCCTAGCTGCTCGT
 GCCCTGGACAGGAACAAGGTCCTTATAAGGGCTTATCCAGAGGAGCTGGAGGCCCTCATCCAGTTAC
 ACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025706

Insert Size: 1965 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_001025706.1](#), [NP_001020877.1](#)

RefSeq Size: 2222 bp

RefSeq ORF: 1965 bp

Locus ID: 316131

UniProt ID: [Q4V890](#)

Cytogenetics: 9q12

Gene Summary: Probable component of an E3 ubiquitin-protein ligase complex, in which it may act as a substrate recognition subunit. May participate in antiinflammatory signaling via its interaction with PTGER4 (By similarity).[UniProtKB/Swiss-Prot Function]