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Product datasheet for MC219797

Fem1b (NM_010193) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fem1b (NM_010193) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fem1b
Synonyms:	mKIAA0396
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC219797 representing NM_010193
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGGCCTGGCTGGCTATGTGTACAAGGCGGCCAGCGAGGGCAAGGTGCTCACTCTGGCTGCCTTGC
TCCTTAACCGGTCAGAGAGCGATATCCGCTACCTGCTGGGCTATGTCAGTCAGCAGGGAGGACAGCGCTC
CACACCCCTCATCATCGCAGCCCGCAATGGGCACGCCAAGGTGGTGCGCTTGCTGTTAGAACACTACCGT
GTGCAGACCCAGCAGACCGGCACCGTCCGCTTCGACGGGTATGTCATTGACGGTGCCACTGCTCTTTGGT
GTGCTGCGGGAGCCGGACATTTTGAAGTTGTTAAACTTCTAGTCAGCCATGGAGCCAACGTGAACCACAC
CACAGTCACTAACTCAACTCCATTGCGGGCAGCATGCTTTGATGGCAGACTGGACATTGTGAAATATTTG
GTTGAAAATAATGCCAATATCAGCATTGCCAACAAGTATGACAACACCTGCCTAATGATCGCAGCATATA
AAGGGCACACTGATGTGGTCAGATACCTCTTAGAACAACGTGCTGATCCCAATGCTAAAGCACACTGTGG
AGCCACAGCTTTGCACTTTGCAGCCGAAGCTGGTCACATTGACATTGTGAAAGAACTGATAAAATGGAGA
GCTGCAATAGTGGTGAATGGCCATGGGATGACACCATTGAAGGTGGCCGCTGAAAGCTGTAAAGCTGATG
TCGTTGAACTGTTGCTCTCTCATGCTGATTGTGACCGCAGAAGTCGGATTGAAGCCTTGGAGCTCTTGGG
TGCCTCCTTTGCAAATGATCGTGAGAACTATGACATCATGAAGACATACCACTATTTATATTTAGCTATG
TTGGAGAGATTTCAGGATGGTGACAACATTCTTGAAAAAGAGGTTCTCCCACCCATCCATGCTTATGGGA
ACAGAACTGAGTGTAGGAACCCACAGGAATTGGAGGCTATTCGGCAAGACAGAGATGCTCTTCACATGGA
GGGCCTTATAGTTCGGGAACGGATTTTAGGTGCTGACAACATTGATGTTTCCCACCCCATCATTTACAGA
GGGGCTGTCTATGCTGATAACATGGAGTTCGAGCAGTGCATCAAATTGTGGCTCCACGCACTACACCTGA
GGCAGAAAGGTAACAGGAATACCCACAAAGATCTGCTTCGGTTTGCTCAAGTCTTCTCTCAGATGATACA
CCTCAATGAAGCTGTGAAGGCCCCAGACATAGAGTGCGTTTTGAGATGCAGTGTCTTGGAAATAGAGCAG
AGCATGAACAGAGTTAAAAATATCTCCGATGCCGACGTCCACAGTGCCATGGATAACTATGAGTGTAACC
TCTATACCTTTCTGTACCTCGTGTGCATCTCCACCAAGACACAGTGTAGCGAAGAAGATCAGTGCAGAAT
TAACAAGCAGATCTACAACCTGATTCACCTGGACCCCAGAACACGGGAAGGTTTTTCCTTGCTACACCTG
GCTGTCAACTCGAACACACCAGTTGATGATTTCCATACTAACGATGTCTGCAGCTTTCCCAACGCTCTGG
TCACAAAGCTCCTGCTGGACTGTGGCGCTGAGGTAAATGCAGTGGACAATGAGGGGAACAGTGCCCTCCA
CATTATCGTCCAGTACAACAGGCCCATCAGTGATTTTCTGACCTTGCACTCCATCATCATCAGCCTTGTG
GAGGCTGGAGCTCACACCGACATGACAAACAAGCAGAATAAAACTCCGCTAGACAAAAGTACAACTGGGG
TGTCTGAAATACTACTTAAAACTCAGATGAAGATGAGCCTCAAGTGCCTGGCTGCCCGAGCAGTTCGGGC
TAATGACATTAACTACCAAGACCAGATCCCCCGGACTCTTGAAGAGTTTGTTGGATTTCATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010193

Insert Size: 1884 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_010193.4, NP_034323.1
RefSeq Size:	6505 bp
RefSeq ORF:	1884 bp
Locus ID:	14155
UniProt ID:	Q9Z2G0
Cytogenetics:	9 33.87 cM
Gene Summary:	Component of an E3 ubiquitin-protein ligase complex, in which it may act as a substrate recognition subunit. Involved in apoptosis by acting as a death receptor-associated protein that mediates apoptosis. Also involved in glucose homeostasis in pancreatic islet. Functions as an adapter/mediator in replication stress-induced signaling that leads to the activation of CHEK1 (By similarity).[UniProtKB/Swiss-Prot Function]