

Product datasheet for **RN206418**

Fem1b (NM_001108157) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fem1b (NM_001108157) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fem1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206418 representing NM_001108157
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGGGCCTGGCTGGTTATGTGTACAAGGCGGCCAGCGAGGGCAAGGTGCTCACTCTGGCTGCCTTGC
 TCCTTAACCGGTCAGAAAGCGATATCCGCTACCTGCTGGGCTATGTCAGTCAGCAGGAGGACAGCGCTC
 CACACCCCTCATCATCGAGCCCGCAATGGGCACGCCAAGGTGGTGCCTTGGCTGTTAGAACACTACCGT
 GTGCAGACCCAGCAGACTGGCACCGTCCGCTTCGACGGGTATGTCATTGATGGTGCCACTGCTCTTTGGT
 GTGCTGCGGGAGCCGACATTTTGAAGTTGTTAAACTTCTAGTCAGCCATGGAGCCAACGTGAACCACAC
 CACAGTCACTAACTCACTCCATTGCGGGCAGCGTGCTTTGATGGTAGACTGGACATTGTGAAATATTTG
 GTTGAAAATAATGCCAATATCAGCATTGCCAACAAAGTATGACAACACCTGCCTAATGATCGCAGCATATA
 AGGGGCACACCGATGTTGTCAGATACCTCTTAGAACAGCGTGCTGACCCCAATGTAAAGCACACTGTGG
 AGCCACAGCTTTGCACTTCGACGCCGAAGCTGGTCACATTGACATTGTGAAAGAAGCTGATAAAATGGCGA
 GCCGCAATAGTAGTAAATGGCCACGGGATGACACCGTTGAAGGTAGCTGCTGAAAGCTGTAAAGCTGATG
 TCGTTGAAGTGTGCTCTCTCATGCCGATTGTGACCGCAGAAGTCGGATTGAAGCCTTGGAGCTCTTGGG
 TGCTCTCTTTGCAATGACCGTGAGAACTATGACATCATGAAGACATACCACTATTTATATTTAGCTATG
 TTGGAGAGGTTTCAGGATGGTGACAACATTCTTGAGAAAGAGGTTCTTCCACCCATCCATGCTTATGGGA
 ACAGAAGTGAATGTAGGAACCCACAGGAATTGGAGGCTATTCGGCAAGACAGAGATGCTCTTCACATGGA
 GGGCCTTATCGTGCGAGAACGGATTTTAGGTGCTGACAACATTGATGTTTCCATCCCATCATTTACAGA
 GGGGCTGTCTATGCTGACAACATGGAGTTCGAGCAGTGCATCAAATTGTGGCTTCACGCGCTGCACCTCA
 GACAGAAAGGAAATAGAAATACCCACAAGGATCTGCTTCGGTTTGCTCAAGTCTTCTCACAGATGATACA
 CCTCAATGAAGCTGTGAAGGCCCCAGACATAGAATGCGTTTTGAGATGCAGTGTCTTGAAATAGAGCAG
 AGCATGAACAGAGTTAAAAATATCTCCGATGCTGACGTCCACAGTGCCATGGATAACTATGAGTGTAAAC
 TCTATACCTTTCTGTACCTTGTGTGCATCTCCACCAAGACACAGTGTAGCGAAGAAGACAGTGCAGAAT
 TAACAAGCAGATCTACAACCTGATTACCTGGACCCAGAACACGGGAAGGTTTACCTTGCTACACTTG
 GCCGTCAACTCGAACACACCACTCGATGATTTCCACACCAATGATGTCTGCAGCTTTCCCAATGCACTGG
 TCACAAAGCTCCTGCTGGACTGTGGTGTGAGGTAAATGCTGTGGACAATGAGGGGAACAGTGCCCTCCA
 CATTATCGTCCAGTACAACAGGCCCATCAGTGATTTTCTGACCTTGCACTCCATCATCATTAGCCTTGTG
 GAAGCTGGAGCTCATACGACATGACAAACAAGCAGAATAAACTCCGCTAGACAAAAGTACAAGTGGGG
 TGTCTGAAATACTACTTAACTCAGATGAAGATGAGCCTCAAGTGCCTGGCTGCCGAGCAGTTCCGGC
 TAATGACATTAACCTACCAAGACCAGATCCCCGGACTCTTGAAGAGTTTGTGGATTTCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108157

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:	<u>NM_001108157.1, NP_001101627.1</u>
RefSeq Size:	2199 bp
RefSeq ORF:	1884 bp
Locus ID:	315745
UniProt ID:	<u>P0C6P7</u>
Cytogenetics:	8q24
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 (By similarity). Functions as an adapter/mediator in replication stress-induced signaling that leads to the activation of CHEK1 (By similarity).[UniProtKB/Swiss-Prot Function]