

Product datasheet for **SC114716**

FEM 1B (FEM1B) (NM_015322) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FEM 1B (FEM1B) (NM_015322) Human Untagged Clone
Tag:	Tag Free
Symbol:	FEM 1B
Synonyms:	F1A-ALPHA; F1AA; FEM1-beta
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC114716 sequence for NM_015322 edited (data generated by NextGen Sequencing)

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ATGGAGGGCCTGGCTGGCTATGTATACAAGGCGGCCAGCGAGGGCAAGGTGCTGACTCTG
GCCGCCTTGCTTCTCAACCGGTCTGAAAGCGACATCCGCTATCTGCTTGGCTATGTCAGC
CAGCAGGGAGGGCAGCGCTCCACGCCCCATCATCGCAGCCCGCAATGGACACGCAAAG
GTGGTACGCTTGCTCTTAGAACATTACCGGGTGCAGACTCAGCAGACTGGCACCGTCCG
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TTTGAAGTTGTTAAACTTCTAGTCAGCCATGGAGCCAACGTGAACCATACACAGTAACT
AATTCAACCCCCCTGCGGGCAGCATGCTTTGATGGCAGACTGGACATTGTGAAATACTTG
GTTGAAAATAATGCCAACATCAGCATTGCCAACAAATATGACAACACCTGCCTAATGATT
GCGGCATATAAGGGACACACTGATGTGGTCAGATACCTTTTAGAACACGTGCTGATCCC
AATGCCAAAGCACATTGTGGAGCCACAGCATTGCACTTTGCAGCTGAAGCTGGGCACATA
GATATTGTGAAAGAGCTGATAAAATGGCGTGCTGCTATAGTAGTGAATGGCCATGGGATG
ACGCCATTGAAAGTAGTGCCGAAAGCTGTAAAGCTGATGTCGTAGAACTGTTACTCTCT
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GCAAAATACCGTGAGAATATGACATCATAAAGACATACCACTATCTATATTTAGCCATG
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GCTTATGGGAATAGAAGTGAATGTAGAAATCCTCAGGAATGGAGTCCATTTCGGCAAGAC
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TGTTGTGCTGAGGTGAATGCCGTGGACAATGAGGGAAACAGTGCCCTTCATATTATCGTT
CAGTACAACAGGCCCATCAGTGATTTTTTGACCTTGCACTCCATCATCATTAGCCTAGTT
GAAGCCGGAGCTCACACTGACATGACGAATAAACAGAATAAGACTCCGCTAGACAAAAGT
ACAACTGGGGTATCTGAAATACTGCTTAAACTCAAATGAAGATGAGTCTCAAGTGCCTG
GCTGCCCAGCAGTTTCGGGCTAATGACATTAACACCAAGACCAGATCCCCAGAAGTCTT
GAAGAGTTTGTGGATTCATTAA

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Clone variation with respect to NM_015322.3
1564 g=>t

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_015322 unedited TCAGATTTTGAATACGACTCACTATTAGGGCGGCCGCGAATTCGCACGAGGCTGGGCCG CACTGCTGCCTGGGCGCGCGCGCGCGACGCGCCCTGTTGAATGGGCTGTGAGGGCCCA GGTTTAAAGCGCTGGCGAACGCGGCCTCCGGGGGCGCACGGCAGCTGCAGCGGTGGCGAC CAAACGGGTGTTGGAGTTGGCGGCGGCCATGGAGGGCCTGGCTGGCTATGTATACAAGGC GGCCAGCGAGGGCAAGGTGCTGACTCTGGCCGCCTTGCTTCTCAACCGGTCTGAAAGCGA CATCCGCTATCTGCTTGGCTATGTCAGCCAGCAGGGAGGGCAGCGCTCCACGCCCTCAT CATCGCAGCCCGCAATGGACACGCAAAAGTGGTACGCTTGCTCTTAGAACATTACCGGGT GCAGACTCAGCAGACTGGCACCCTCCGCTTCGACGGGTATGTCATTGATGGTGCCACTGC TCTTTGGTGTGCAGCTGGAGCAGGACATTTTGAAGTTGTTAAACTTCTAGTCAGCCATGG AGCCAACGTGAACCATACCACAGTAATAATTCAACCCCTGCGGGCAGCATGCTTTGA TGGCAGACTGGACATTGTGAAATACTTGGTTGAAAATAATGCCAACATCAGCATTGNCAA CAAATATGACAACACCTGCCTAATGATTGCGGCATATAAGGGACACACTGATGTGGTCAG ATACCTTTTAGAACACCTGCTGATTCCAATGCCAAAGCACATTGTGGAGCCACAGCATT GCACTTTGCAGCTGAAGCTGGCAGATAGATATTGTGGAAGAGCTGATAAATGGCGTGCTG CTATANTANTGAATGGGCATGGNATGACGCCATTGAAAGTACTGNNGAAGCTGTAAAGC TGTGTCGTAATAATGTTACTTTCTCAGCTGATTGCGACCGCANAAGNTCGATTGAAGCTTT GACTCTTTGGGTGGCCTCTT
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015322 unedited GACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTATTTTTTCAAACA TTTACTGAACACAAAACCATTTTTTCTTTTACACAGCAAGATTGTTAGTTTCAAATTA GCTGAGTTATTAGGACTGTCAATTGCCATGAAACTAAAAATGACTCTACATGTCAAACCTC AAATAGAAAAATGTCATGCAATATATAAATCACTAATGGACCTCTGGTGCAGTCAGCAAGT TTACTATGTTTATTAAAGTCACATAAATGGTTTGACAAAAGTGACAATAGAATGACATC ACCGGTTTGTTATAAATCACAGTGAATTACTAGAATACAACAGTGTAGTTCTCTGCACG GAGGATTGCAGGATGGGGTGAAAAGGACAGGGTCTTTCCATCGATTAGGCCAGTCAGAT TTTACTCCCCAACTGTGTACCTTTGAAAAGACTGTGAGGAAAGCTGAGTTTCTTTCTCA TCTTTTCTCTCTACAGTTACTAAGCAACAACAACAAAAGCCATGCACAAATTTTACA ACACCTGATAAAAAATAGATACAAAATCTTGTTCAATTCATCATTGGCAAGCTTGATC TTCGCTCCTTCACTTTTCTGATTAGGCCATTATCACATGACTCACCTGAATAAAAGCT GTAAATAATTTAGCAATCTTACCCCTATACACATCAAGATACACTCCCCATAACCAT CAAGTCACTGTCTCTTCCCTACACATTACACANAGGTACACACCACAAACCTAGAGACCA CATTACTTTACAGTTTTAAAAATAATATCTCCCTATCAAAGTGTAGTATTTATTTGCA ATCCCCTATTGGGGGAGGCATGCTGGATAACCAGCCAGCTAAAGATTGGGCAGTCTGCAG AATACATAAAAAACCTGCATGTGATAACCAAGGATTTTCTACTTCAGAATACTTCCGACAA GCTTGGCTTTN
Restriction Sites:	NotI-NotI
ACCN:	NM_015322
Insert Size:	7000 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_015322.3](#), [NP_056137.1](#)

RefSeq Size: 2583 bp

RefSeq ORF: 1884 bp

Locus ID: 10116

UniProt ID: [Q9UK73](#)

Cytogenetics: 15q23

Domains: ANK

Protein Families: Druggable Genome

Gene Summary: This gene encodes an ankyrin repeat protein that belongs to the death receptor-associated family of proteins and plays a role in mediating apoptosis. The encoded protein is also thought to function in the replication stress-induced checkpoint signaling pathway via interaction with checkpoint kinase 1. [provided by RefSeq, Aug 2013]