

Product datasheet for **SC320909**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_015322.3
 CGCTCTTGCGGGAGCGTTCCGCATCGCCCCGGGGGCCCTACGCGAGGATCTCCGGGGCC
 GTTGGCAGCGCCTGGCACTTCTGAGCTCGGCGGACGAGAGCCTGCAGGTTTCCTCCAGTC
 AGGGACGGCGAAGGGCGGAAAGCGCAGGAGGAGGCAGTGTAGGCCTTAGGCCGGGTGGG
 CCGGGTCAGGAGAGACGCGCCCATCTTTCCGCATCCGGGGTGCAGGAGTCTCTCGGGA
 CCCGGCCGGCGACCCGTAGCTCGGGCACGCGCCTGTGCGATCCCGCAGGAAGGAGGGGTC
 CGGCCTGAGGCCCGGGCGGCGTCCGCCATGGAGATCCCCTCGGTCCAGGCCGGCGCCTG
 GGACCTGGCGGGCGGCCCTGACCGCCTTCTCCCTGCGCGGGCTGGGTGCGGACGTGCC
 CTTGCGGGCACTCGGCCTCTCTGCGTCTCCGCCTTCCCTGGGCCGCACTGCTGCTGGG
 CGCGGGCGGCGTGCAGCGGCGCCCTGTTGAATGGGCTGTGAGGGCCAGGTTTAAAGCGCT
 GGCGAACGCGGCCTCCGGGGGCGCACGGCAGCTGCAGCGGTGGCGACCAACGGGTGTTG
 GAGTTGGCGGGGCCATGGAGGGCTGGCTGGCTATGTATACAAGGGCGGCAGCGAGGGC
 AAGGTGCTGACTCTGGCCGCTTGTCTCAACCGGTCTGAAAGCGACATCCGCTATCTG
 CTTGGCTATGTCAGCCAGCAGGAGGGCAGCGCTCCACGCCCTCATCATCGAGCCCGC
 AATGGACACGCAAGGTGTACGCTTGTCTTAGAACATTACCGGTGCAGACTCAGCAG
 ACTGGCACCGTCCGCTTGCAGCGGTATGTCAATTGATGGTGCCACTGCTCTTTGGTGTGCA
 GCTGGAGCAGGACATTTGAAGTTGTTAACTTCTAGTCAGCCATGGAGCCAACGTGAAC
 CATACCACAGTAACTAATTCAACCCCCCTGCGGGCAGCATGCTTTGATGGCAGACTGGAC
 ATTGTGAATACTTGGTTGAAAATAATGCCAACATCAGCATTGCCAACAAATATGACAAC
 ACCTGCCTAATGATTGCGGCATATAAGGGACACACTGATGTGGTCAGATACCTTTTAGAA
 CAACGTGCTGATCCCAATGCCAAAGCACATTGTGGAGCCACAGCATTGCACTTTGCAGCT
 GAAGCTGGGCACATAGATATTGTGAAAGAGCTGATAAAATGGCGTGTCTATAGTAGTG
 AATGGCCATGGGATGACGCCATTGAAAGTAGCTGCCGAAAGCTGTAAGCTGATGTGCTA
 GAACCTGTTACTCTCTCATGCTGATTGCGACCGAAGAAAGTCGATTGAAGCTTTGGAATC
 TTGGGTGCCTCCTTTGCAATGACCGTGAGAACTATGACATCATAAAGACATACCACTAT
 CTATATTTAGCCATGTTAGAGAGGTTCCAAGATGGTGATAACATTCTCGAAAAAGAGTT
 CTTCCACCAATCCATGCTTATGGGAATAGAACTGAATGTAGAAATCCTCAGGAACTGGAG
 TCCATTGCGCAAGACAGAGATGCTCTTCATATGGAAGGCCTTATAGTTCCGGAACGGATT
 TTAGGTGCTGACAATATTGATGTTTCTCATCCCATCATTTACAGAGGAGCTGTTTATGCG
 GATAATATGGAATTTGAGCAGTGTATCAAGTTGTGGCTTCATGCCCTGCACCTCAGACAA
 AAAGGTAACAGGAACACCCACAAGGATCTTCTTCGATTTGCTCAAGTTTTCTCACAATG
 ATACATTTGAATGAACTGTGAAGGCCCCAGACATAGAATGTGTTTGTAGATGCAGTGTT
 TTGGAATAGAACAAAGTATGAACAGAGTGAAAAATATTTAGATGCTGATGTCCACAAT
 GCTATGGACAATTATGAATGTAATCTCTATACCTTTCTGTATTTAGTGTGCATCTCTACC
 AAAACACAGTGCAGCGAAGAAGATCAGTGCAAAATTAACAAGCAGATCTACAACCTGATT
 CACCTTGATCCGAGAACTCGTGAAGGTTTACCTTGCTGCATCTGGCTGTCAACTCCAAT
 ACTCCAGTTGATGATTTCACACCAATGACGTCTGCAGCTTTCCAATGCACTTGTGACA
 AAGCTCCTGCTGGACTGTGGTGTGAGGTGAATGCCGTGGACAATGAGGGAAACAGTGCC
 CTTCATATTATCGTTCACTACAACAGGCCCATCAGTGATTTTTGACCTTGCACTCCATC
 ATCATTAGCCTAGTTGAAGCCGGAGCTCACACTGACATGACGAATAAACAGAAATAGACT
 CCGCTAGACAAAAGTACAACCTGGGTATCTGAAATACTGCTTAAACTCAAATGAAGATG
 AGTCTCAAGTGCCTGGCTGCCGAGCAGTTCGGGCTAATGACATTAACACCAAGACCAG
 ATCCCCAGAACTCTGAAGAGTTTGTGGATTTTATTAAGTACTGGATATGTAAAGTCG
 TTTAATGTGGTGCTAAAAAGTAAAGGACTTTTAATCACAAAAAAAAAAAAAAAAAAAAA
 AAA

Restriction Sites: Please inquire

ACCN: NM_015322

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_015322.3</u> , <u>NP_056137.1</u>
RefSeq Size:	2583 bp
RefSeq ORF:	1884 bp
Locus ID:	10116
UniProt ID:	<u>Q9UK73</u>
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]