

Product datasheet for **SC318451**

FMNL3 (NM_175736) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FMNL3 (NM_175736) Human Untagged Clone
Tag:	Tag Free
Symbol:	FMNL3
Synonyms:	FHOD3; FRL2; WBP-3; WBP3
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_175736, the custom clone sequence may differ by one or more nucleotides

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ATGGGCAACCTGGAGAGCGCCGAGGGGGTCCCGGAGAGCCCCCTCTGTCCCGTTGTTG
CTGCCGCCCGGCAAGATGCCGATGCCTGAGCCCTGTGAGCTGGAGGAAAGTTCCGCCCTG
GTGCTGAGCTCCATGAACCTGCCAGACAAGGCCCGGCTCCTGCGGCAGTATGACAAT
GAGAAGAAATGGGATCTGATCTGTGACCAGGAACGATTCCAGGTGAAGAAATCCTCCCCAC
ACTTACATTAGAACTCCAGAGCTTCTTGACCCCACTGTAACCGAAGAAAGTTCCAGG
AGGAGGGTGCAGGAGTCAACCAAGTACTAAGGGAGCTGGAGATCTCTCTTCGACCAAC
CACATTGGGTGGGTGCGGAATTTCTGAATGATGAAAACAAAGGCCTGGATGTAAGTGGT
GATTACCTGTCTTTGCCAGTGTCTGTGATGTTTGACTTTGAGGGTCTGGAAAGTGGT
GACGATGGTGCATTTGACAACTCCGGTCTGGAGCAGGTCAATCGAGGACCTGCAGCCA
CCCAGCGCCCTGTCCGCCCTTACCAACAGCCTCGCTCGCTCTGCGCGCCAGTCTGTG
CTCCGGTATAGCACTCTCCCTGGGCGCAGGGCCCTGAAGAACTCCCGCCTAGTGAGCCAG
AAGGATGACGTCCACGTCTGTATCCTTTGTCTCAGAGCCATCATGAACATCAGTACGGA
TTCAACCTGGTCATGTCCACCCCCATGCTGTCAATGAGATTGCACTTAGCCTCAATAAC
AAGAATCCAAGGACCAAGCCCTTGTCTTAGAGCTTCTGGCAGCTGTGTGTTGGTGCGA
GGAGGTCACGAAATCATCCTTGTGCTGCTTTGACAATTTCAAAGAGGTATGCAAGGAGCTG
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GTGGCCTGCATGCAGTTCATCAACATCGTGGTGCAGTCCGGTGGAGGACATGAACCTCCGG
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CACACAGAGAGCGAGAAGCTGCAGGTGCAGATTAGGCATATCTGGACAACGTGTTTGTG
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TTGGAGGAGCATGTGTCCATCTCACAGAGAAGCTTCTGGACCTAGAGAATGAAAACATG
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AAGGAGACATATGAGAACACAAGCCACAGGTGCACACCTGCGGAGGCTCATTAAAGAG
AAGGAGGAGGCCTTTACGCTCGATGTCATTTGGAGCCAAATGTCCGGGGCCTGGAGTCT
GTGGACAGTGAGGCCCTGGCCAGAGTAGGCCCTGCAGAGCTGAGTGAGGGCATGCCACCC
TCCGACCTGGACCTTCTGGCTCCAGCCCCACCCCTGAGGAGGTCTGCCTCTTCTCTCCA
CCACAGCTCCGCCCTTGCCCCCTCCACCTCCCCATTACAGACAAGTGTCCCCAGCC
CCACCTCTCCCTGGTGTGCACCTCTGTGGTGTGACAGTGGGCCTGTGAGCCATTGCA
ATTAAGAAACCTATCAAGACCAAGTTCGGGCTGCCTGTCTTCAACTGGACAGCACTGAAA

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CCCAACCAGATCAGTGGCACTGTCTTCAGCGAACTTGATGATGAGAAGATCTTGAGGAC
CTGGATCTTGATAAGTTTGAAGAATTATTCAAGACAAAAGCGCAGGGCCCTGCCCTTGAC
CTCATCTGCTCCAAAAACAAGACAGCGCAAAAAGCTGCCAGCAAGGTGACTCTGTTGGAA
GCCAATCGTGCCAAGAACCTGGCCATCACCTACGCAAGGCTGGCCGCTCGGCTGAGGAG
ATCTGCAGGGCCATTTCATACGTTTGACTTGACAGACTACCTGTGGACTTCGTGGAGTGC
CTGATGCGCTTCTGCCACAGAGGCTGAGGTAAGCTGCTGCGCAATATGAGCGGGAG
CGGCAGCCCTGGAGGAGTTGGCAGCTGAGGACCGCTTCATGCTGCTCTTCAGCAAGGTG
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CAGATGCTCACACCGCAACTCAATGCCATCATTGCGGCGTCCGCTTCCGTCAAGTCTTCA
CAGAAGCTGAAGCAGATGTTGGAGATCATACTGCACTGGGGAACATGAACAGCAGC
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TCCACTGACCGGAAGATGACACTGCTTCATTTTCATCGCCTTGACAGTGAAGGAGAAATAC
CCAGACCTGGCTAACTTCTGGCATGAGCTGCACTTTGTTGAGAAGGCTGCAGCAGTGTCC
CTGGAGAACGTGCTGCTGGACGTGAAGGAGCTGGGCCGGGGCATGGAGCTGATTCGGCGT
GAGTGCAGCATCCATGACAACAGCGTCCTCCGGAACCTCCTCAGTACCAATGAAGGCAAA
CTAGACAAGCTCCAGCGGACGCAAGACGGCTGAGGAGGCTACAATGCAGTTGTGCGC
TACTTTGGCGAGAGTCCCAAGACTACACCTCCTCTGTATTCTTCCAGTATTTGTCCGA
TTCATTGTTCTTACAAGGAAGCAGAACAAGAGAATGAAGCCCGCAAGAAGCAGGAGGAG
GTAATGCGGGAGAAGCAGCTGGCTCAGGAAGCCAGAACTGGATGCCAAGACCCCATCC
CAGCGGAACAAGTGGCAACAGCAGGAGTTAATAGCAGAGTTGAGGCGGCGCCAGGCCAAG
GAACACCGGCTGTTTATGAGGGGAAGGATGGTACCATCGAGGACATCATCAGGCCTC
CACTGCCAGCCTATGTTGTTGCCACCAAGCCAGGAGTGCTGCACCGCCAGTGGTCCC
CCTCGGGCTCCAGGCCCCAC

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Restriction Sites: Please inquire

ACCN: NM_175736

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: [NM_175736.4](#), [NP_783863.4](#)

RefSeq Size: 11192 bp

RefSeq ORF: 3084 bp

Locus ID: 91010

UniProt ID: [Q8IVF7](#)

Cytogenetics: 12q13.12

Gene Summary: The protein encoded by this gene contains a formin homology 2 domain and has high sequence identity to the mouse Wbp3 protein. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) lacks an alternate exon in the 3' coding region, compared to variant 3. The encoded isoform (1), is shorter than isoform 3.