

## Product datasheet for SC116737

### MLF2 (NM\_005439) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MLF2 (NM_005439) Human Untagged Clone
Tag:	Tag Free
Symbol:	MLF2
Synonyms:	NTN4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116737 sequence for NM_005439 edited (data generated by NextGen Sequencing)

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ATGTTCCGCTTCATGAGGGACGTGGAGCCTGAGGATCCCATGTTCTGATGGATCCCTTT
GCTATTCACCGTCAGCATATGAGCCGTATGTTGTGTCAGGTGGCTTTGGATATAGCCCTTC
CTCAGCATCACAGATGGCAACATGCCAGGGACCAGGCCTGCCAGCCGCCGGATGCAGCAG
GCTGGAGCTGTCTCCCCCTTTGGGATGCTGGGAATGTCGGGTGGTTTCATGGACATGTTT
GGGATGATGAATGACATGATTGGAACATGGAACACATGACAGCTGGAGGCAATTGCCAG
ACCTTCTCATCTTCCACTGTCATCTCCTACTCCAATACGGGTGATGGTCCCCCAAGGTC
TACCAAGAGACATCAGAGATGCGCTCGGCACCAGGCGGGATCCGGGAGACACGGAGGACT
GTTCCGGGATTCAGACAGTGGACTGGAGCAGATGTCCATTGGGCATCACATCCGGGACAGG
GCTCACATCCTCCAGCGCTCCCGAAACCATCGCACGGGGGACCAGGAGGAGCGGCAGGAC
TATATCAACCTGGATGAGAGTGAGGCCGACGCTTTGATGACGAGTGGCGCGGGAGACC
TCCCGATTCCGGCAGCAGCGTCCCCTGGAGTTTCGGCGGCTTGAGTCTCAGGGGCTGGG
GGACGAAGGGCGGAGGGGCTCCCCGCCTGGCCATCCAGGGACCTGAGGACTCCCCTTCC
CGACAGTCCC GCCGCTATGACTGGTGA

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Clone variation with respect to NM\_005439.2



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_005439 unedited</p> <pre> AGCGTCGGGATTTGTNATCCGACTCATATAGGGCGGCCGNAATTCGCACGAGGTGGGA GGAGGCGCGGTGNGAAGCCGAGGAGCTCAAGCCCGGACCAATCCCCACGTTCCGGGCCGC GACCCTGACCCTGCAGCGTACCGGGAAGCGAAACCGGCCGGATGGGCCGCTGAGCCCGAA TCGGGCACTGTGTGGAGCCCCCTGGAGCTGAGATCAGGATGTTCCGCTTCATGAGGGACG TGGAGCCTGAGGATCCCATGTTCTGATGGATCCCTTTGCTATTACCGTCAGCATATGA GCCGTATGTTGTCAGGTGGCTTTGGATATAGCCCCTTCCCTCAGCATCACAGATGGCAACA TGCCAGGGACCAGGCTGCCAGCCGCGGATGCAGCAGGCTGGAGCTGTCTCCCCCTTTG GGATGCTGGGAATGTCGGGTGGTTTCATGGACATGTTTGGGATGATGAATGACATGATTG GAAACATGGAACACATGACAGCTGGAGGCAATTGCCAGACCTTCTCATCTTCCACTGTCA TCTCTACTCCAATACGGGTGATGGTGCCCCCAAGGTCTACCAAGAGACATCAGAGATGC GCTCGGCACCAGGCGGGATCCGGGAGACACGGAGGACTGTTCCGGATTACAGACAGTGGAC TGGAGCAGATGTCCATTGGGCATCACATCCGGGACAGGGCTCACATCCTCCAGCGCTCCC GAAACCATCGCACGNGGACCAGGAGGAGCGGCAGGACTATATCAACCTGGATGAGAGTG AGGCCGACGCTTTGATGACGAGTGGCGGCGGGAGACCTCCCATTCCGGCAGCAGCGTC CCCTGGAGTTTCGGCGGCTTGAGTCCTCAGNGCTGGGGGACNAAGGGCNGNAGGGCCTN CCCGCCTGGCCATCCAGGNACCTTGAGACTCCCCTT </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_005439 unedited</p> <pre> CGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTCTTTTTTCCATTCTCT TTATTCCATAAACACCTAGTTACAAGTTGCACAAATCAAAAAATAAAGGCAGAGAAGGGT GTAGGGAAGATTCTTTTGTGTGTGGCAGGAGGAGGAGAGATTAGGAACCACTCT GCTCCTTCCACAGCCCTAGATAGGGCTACGGCCCTCAGTGGGGCTCTGAGGAAGAGGT GGGCAAAGATCCAGGGTAGCTGAGGGATGGAGGGGGCCCTAAACCCAGAGCTCACCCCA AAATGCATTGACCCTTCAATGCATGGCAGGAGTAGGATGGGAAAGGTGAGGGGGTTTGA GATGGAGTGGCAGAAATGAAAAATCAAGTCAGTAGATGCAGAGGCGAAGTCATCAATGGTA AACCAGGAGATTAAGAAGGAAAAGGTAGGGAAAGGTGCCGTGAAAGGTTCTCCCTGAG ACCCCAAGGAGAGGTGGGGGCCGCTTGCCTGTTAATTTAATATTAATTTGGGGATGGG AATCGAGAGGAAAAAGTTATTCAGGGATGATTTCTCAGCCTCTCAGCCTGTACAAGAGA GGCTGAAGGCCCGGGCCCTCACCAGTCATATCGGCGGACTGTCCGGAAAGGGAGTCCCT CAGGTCCTGGATGGCCAGGCGGGGAAGCCCTCCGCTTTGTCCCAACCCTGAAGGAC CAAGCCCCGAACCTCCAGGGACGCTGCTGCCGGAACCGGAGGTCCCCCCCCGCCATCGTT ATAAACCCGGGGCCCTATCCTCTCAGGTTGATTAGTCCGCGCGCTCCCCGGTCCCCCTGC AAGGTTCCGGACCCCGAAATCGACCCCTTCCGGACAACCCCATGCCCTCGCTCCAACA CTCGCTAAACCGAAATTCTCCGTTTTCCGACCCGCN </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_005439
<b>Insert Size:</b>	1390 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_005439.1](#), [NP\\_005430.1](#)

**RefSeq Size:** 1545 bp

**RefSeq ORF:** 747 bp

**Locus ID:** 8079

**UniProt ID:** [Q15773](#)

**Cytogenetics:** 12p13.31

**Protein Families:** Transmembrane