

Product datasheet for **SC127701**

FAM101B (RFLNB) (NM_182705) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM101B (RFLNB) (NM_182705) Human Untagged Clone
Tag:	Tag Free
Symbol:	RFLNB
Synonyms:	CFM1; FAM101B
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_182705, the custom clone sequence may differ by one or more nucleotides

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ATGGTGGGCCGGCTGAGCCTACAGGATGTGCCGAGCTCGTGGACGCGAAGAAGAAGGGCGACGGCGTCC
TGGACAGCCCGGACTCGGGGCTGCCCCCAGCCCCAGCCCCAGCCACTGGGGGCTCGCGGCGGGCGGAGG
CGGCGGAGAGCGCGGGCGGCACCGGGGACGCTGGAGCCCAGCGGGCGGCGGCGACCCCCGCGGTCCG
AGTCCAGCGTCTCTCCCCTGGCTCCCGGCTGTGCGCTGAGGCTTTGTCCCTGTCTTTGGCGAAGGAG
TGGAGTTTGACCCCTTACCACCAAGGAAGTAAGGTACACCTCCTTGGTCAAGTACGACTCCGAGAGGCA
CTTCATCGACGACGTGCAGCTGCCCTGGGCCTGGCGGTGGCCTCCTGCAGCCAGACGGTACCTGTGTC
CCCAATGGCACGTGGCGCAACTACAAGGCCGAGGTGCGCTTCGAGCCACGCCACAGGCCACCCCGCTTC
TCAGTACCACCATCGTGTACCCCAAGTACCCCAAGGCCGTCTACACCACCACCCTGGATTACAACCTGCC
CAAGACGCTGAGGAGTTTCTGTCCAGCGTGGAGCTCGAAGCCGCGGAGCTCCCGGCAGCGACGACCTC
TCTGATGAATGCTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_182705 unedited CCGAATTGTACACGACCACTATAGGCGGCCGACGAATTCGCACGATCTCGGGCCCCCCTC GCGCGCCGCCATGGTGGGCGGCTGAGCCTACAGGATGTGCCCGAGCTCGTGGACGCGAA GAATAAAGGGCAGCGGCTCCTGGACAGCCCGACTCGGGGCTGCCCCCAGCCCCAGCCC CAGCCACTGGGGGCTCGCGGCGGGCGGAGGCGGCGGATAGCGCGGGCGGCACCGGGGAC GCTGGAGCCCCACGCGGCGGGCGGACCCCGCGGCTCCGAGTCCAGCGTCTCTCCCCCT GGCTCCCGGCTGTGCGCTGAAGCTTTGTCCCCTGTCCTTTGGCGAAAGAGTGGAGTTTGA CCCCTTACCACCAAAGGAAGTAAGGTACACCTCCTTGGTCAAGTACGACTCCGAGAGGCA CTTTCATCGACGAGTGCAGCTGCCCTGGGCTGGCGGTGGCCTCCTGCAGCCAGACGGT CACCTGTGTCCCAATGGCACGTGGCGCAACTACAAGGCCGAGGTGCGCTTCGAGCCACG CCACAGGCCACCCGCTTCTCAGTACCACCATCGTGTACCCCAAGTACCCCAAGGCCGT CTACACCACCACCTGGATTACAACCTGCCGCAAGACGCTGAAGATGTTTCTGTCCAGCGT GGAGCTCGAAGCCGCGGAGCTCCCGGGCAGCGACGACTCTGTATGAATGCTGACCCAN NCAGCTGGGCTGGAGTCAGACCGGCTCTCCGCTGTCTGCCCGGACTGCCCTGGCCAA GCTGGGCGACCCTACCCTTACGCTNATTCCAGCCCGAGAGGAGTCTATCCTATAGATACC CCCAAGCGCCGNGCGGGGAAAGGAGAAAAAATAAAAAAATAAAAAAATAAAAAAATAAAAAA CCGCTNCTAGCTGTTTCTGAAAGATCCCGGTAGCATNCCTGTTGACCCTCCAGTCTCT CC
Restriction Sites:	NotI-NotI
ACCN:	NM_182705
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:	<ol style="list-style-type: none"> 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_182705.1</u> , <u>NP_874364.1</u>
RefSeq Size:	875 bp
RefSeq ORF:	645 bp
Locus ID:	359845
UniProt ID:	<u>Q8N5W9</u>
Cytogenetics:	17p13.3
Gene Summary:	Involved in the regulation of the perinuclear actin network and nuclear shape through interaction with filamins. Plays an essential role in the formation of cartilaginous skeletal elements.[UniProtKB/Swiss-Prot Function]