

Product datasheet for **SC123259**

FAM81B (NM_152548) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM81B (NM_152548) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM81B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_152548 edited
 GTCACCCTTGGGAAGAGGCCCCAGAAACAGGAAGACCTTAGTTAGGATGCAATTACAATT
 CCTTGGTACATTGGCTTCTCAGAAAAAGAAAAATCACAGAGATTGTTTTCAAAA
 TATCAATCTACAAAAATAAAGCTGGAAGCAAGCATCATGAGTTCAGATACAAATGT
 AAACAAAAGTGCCTCTCCAAGTGCAGTGCAGAGGAACAGCCAGTTGAACCTGATGGCC
 CCTTCTGGCTCAGACAATAACCAAGAAAAGTAAGATTATCTCCAGCCAAAATGTC
 AACCAAGAATTCTACAGATCTAGTTGAATATGTTGACAAGAGTCATGCTTTTCTCCCAT
 CATTCCAAACACCCAGAGAGGTAGCTAGAAGACAGACTGAACAACCCAGGCGCTACCAT
 AGCTTTCTTCTTGAACAAGCCTTCCGCATCAAGGAGGACATCTCTGCTTGCCTGCAGGG
 GACCCATGGCTTTCGAAAAGAGGAATCGCTCGCCAGGAAGTTACTGGAAGCCACATCCA
 GACCATACCAGCATCGTCAAAAACTCAGCCAAAATATTGAGATTTAGAAAGCCAAAT
 AAGAGCTCGAGATCAGGCGGCCACAGGAACACTTTGCAGTACACGAGATAAACATCAA
 ACACCTACAAGGAGTTGGAGATCTTCGAGGAAGAGTAGCCAGATGTGATTCAAGCATTGT
 GAAGCTTTCTGGAGACATTCATTATTCAGGCAAGAGCACCGGCAAAATTGAGAAAGCCAT
 TCAAGAATTCGTGCCCGCCTGGAACTCTTCCAAGAATTGGACATGAAGGTGATGCA
 GCTCTTAGGAAAGATTGAAACTGCCAGTTCTGAGCAAACCTCGAATTTAAAGATGGTCCA
 GGGGATTATCGCCACGAAATGAACCTTTTGAATTCAAATTTCAATTCATTTCAAGTAA
 TCTGTACGAAGAAGTTGAGAATAATAAAAAATGGACAGAAAACCAATTTCTCAAATATAG
 AAAAGACCACCTGGGCCATATAAATGAATGTCTGAAGGTCCTACAGGAGAAACTGAAAA
 GTCTGAAAATAAAATGGAAGAAAACACTGCTGCAGCTTTCAAGCAAAGTAGAGAATTTTCA
 TAACACACAGAAACAGGAAACACAATAAGTAAAGTAAAGCATATGGAATAAAATTGTC
 CAAAAAGATGGAACAAATGGAAGAACAGATCTGGGGTGAATTAGAGACAATGCAGAAATGA
 ATATCAATCAGGATTTAAATCAATTCATGACTCTCAGCTCCCTCCAACAAATACAGAA
 AACAAAGATGGATTTAGAGAAAATAAAGTACAGAAAGACTAAAGAAATTACAGCGCAA
 GATAGTGAACCTCAGGAAGTATAAACCTTTTTCAGTCATCTTTTTCATCAGCCAATG
 GAGTGATTTGTTGAAAAAGTTCTGAAGAAGAAAGTTACTATCTCTGGGATGTTTACTGC
 TTCTAATGTCTCTTTTAAAGGAGACGAATGTACCAGAAAATAATAAAGCAAAGAAGCTT
 AA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_152548 unedited
 CCCGTTTCAATTTGTATACGACTCATATAGGGCGGCCGCGATTANATCTGGTACCGGTC
 CGGAATCCCAGGATGTCACCCTTGGGAAGAGGCCCCAGAAACAGGAAGACCTTAGTTAG
 GATGCAATTACAATTCCTTGGTACATTGGCTTCTCAGAAAAAGAAAAATCACAGAG
 ATTGTTTTCAAAAATCAAACTACAAAAATAAAGCTGGAAGCAAGCATCATGAG
 TTCAGATACAAATGTAACAAAAGTGCCTCTCCAAGTGCAGTGCAGAGGAACAGCCAGT
 TGAACCTGATGGCCCCCTTCTGGCTCAGACAATAACCAAGAAAAGAAAGTAAGATTATC
 TCCAGCCAAAATGTCAACCAAGAATTCTACAGATCTAGTTGAATATGTTGACAAGAGTCA
 TGCTTTTCTCCCATCATTCCAAACACCCAGAGAGGTAGCTAGAAGACAGACTGAACAA
 CCAGGCGCGTACCATAGCTTTCTTCTTGAACAAGCCTTCCGCATCAAGGAGGACATCTC
 TGCTTGCCTGCAGGGGACCCATGGCTTTCGAAAAGAGGAATCGCTCGCCAGGAAGTTACT
 GGAAGCCACATCCAGACCATCACCAGCATCGTCAAAAACTCAGCCAAAATATTGAGAT
 TTTAGAAGACAAATAAGAGCTCGAGATCAGGCGGCCACAGGAACACTTTGCAGTACA
 CGAGATAAACATCAAACCTACAAGGAGTTGGNAGATCTCGAGGGAGAGTAGCCAGATG
 TGATTCAGCATTGTGAAGCCTTCTGGAGACATTCATAATTCNNGCAAGAGCACCNCA
 ATTGAGAAAGCATTTCAGAAATCGTGCCCGCCTGGAACTCTTCCAAGAACTGGACTGNA
 NGTGATGCAGCTCTA

Restriction Sites: Please inquire

ACCN: NM_152548

Insert Size: 1645 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_152548.1](#), [NP_689761.1](#)

RefSeq Size: 1645 bp

RefSeq ORF: 1563 bp

Locus ID: 153643

UniProt ID: [Q96LP2](#)

Cytogenetics: 5q15