

Product datasheet for **SC100594**

FAM81A (NM_152450) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: FAM81A

Mammalian Cell None

Selection:

Vector: pCMV6-XL4

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC100594 sequence for NM_152450 edited (data generated by NextGen Sequencing)

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ATGGAAATATGCATCTAAGGCGAGTGAGAACCATGCCCGACACAGCCAGTCCCTGACC
ATGGCACCATACTCATCTGTAAGCCTCGTGGAGCAGCTGGAAGACAGGATCCTCTGCCAT
GAGAAAACACCGCCGCCCTCGTAGAGCACGCCTTTCGGATTAAAGATGACATTGTCAAC
AGTTTGCAGAAAATGCAAAACAAAGGGGAGGTGACCGCTTGGCCAGGCTTTTCTTGGAG
GAGCATATCAGAAACATAACTGCCATAGTGAAGCACTTAATCGGGATATCGAGGTAATC
CAGGAGCAGATTCGTGCTCGGGACAACATTAGCTATGGAACAAATTCGCCTTAAAGACC
CTGGAGATGCGCCAGCTCTCCGTTTGGGAGATCTTCGAGGAAGAGTGGCAAGATGTGAT
GCCAGCATAGCTAGACTTTCTGCAGAGCACAAAACGACCTATGAGGGGCTCCAGCACTTG
AACAAAGAACAGCAGGCTGCCAACTTATCTTGAAACGAAATCAAAGATGCAGAGGGA
CAGATTTCTCAGCTTTTGAACAGAGTGGACTTGTAATATCAGAGCAGAGCACCAAACTG
AAGATGTCTCACAGAGACAGTAACCAACAGCTTCAGCTTTTGGACACTAAATTTAAAGGT
ACAGTTGAGGAACTCAGTAACCAAGATATTATCTGCACGGAGTTGGTTGCAACAGGAACAA
GAACGGATAGAAAAAGAGCTTTTACAGAAAATTGATCAGCTTTCCTTGATTGTTAAGGAA
AACAGTGGAGCCAGTGAAAGGGATATGGAGAAGAAGCTCAGCCAGATGTCAGCCAGGCTT
GACAAAATAGAAGAGGGTCAAAAGAAGACTTTTGATGGTCAGAGAACAAGGCAAGAAGAG
GAGAAGATGCACGGGCGAATCACCAGCTGGAGTTACAGATGAACCAAGACATCAAGGAA
ATGAAAGCAGAAGTTAATGCTGGGTTTACAGCCGTCTATGAAAGCATAGGATCCCTCAGG
CAAGTTCTCGAGGCCAAGATGAAGCTGGACAGGACCAGCTACAGAAGCAAATCCAGCTG
ATGCAGAAGCCAGAGACCCCATGTGA
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Clone variation with respect to NM_152450.2
318 c=>t



5' Read Nucleotide
Sequence:

>OriGene 5' read for NM_152450 unedited
 GGTTCAAAATATGTATACGACTCATATAGCGCGCCGCGAAATTCGCACGAGGCCGCGCCG
 GCGAGGACATGGGCAGCCGCGGCGCGCCACCCCCGCGCCGATGTGAATTATTAAGG
 AAAATGGCCCAACGGAGCACTGTATTTCTTCTCGTGTACCAAGGAAAGGTATAATATA
 TNGNAAAATATGCATCTAAGGCGAGTGAGAACCATGCCCGACACAGCCAGTCCCTGACC
 ATGGCACCATACTCATCTGTAAGCCTCGTGGAGCAGCTGGAAGACAGGATCCTCTGCCAT
 GAGAAAACCAACCGCCGCTCGTAGAGCACGCTTTTCGGATTAAAGATGACATTGTCAAC
 AGTTTGCAGAAAATGCAAAACAAAGGGGAGGTGACCGCTTGCCAGGCTTTTCTTGAG
 GAGCATATCAGAAACATAACTGCCATAGTGAAGCAACTTAATCGGGATATCGAGGTAATC
 CAGGAGCAGATTTCGTGCTCGGACAAACATTAGCTATGGAACATAATCTGCCTTAAAGACC
 CTGGAGATGCGCCAGCTCTCCGGTTTGGGAGATCTTCGAGGAAGAGTGGCAAGATGTAT
 GCCAGCATAGCTAGACTTTCTGCAGAGCACAAAACGACCTATGANGGGCTTCAGCACTTG
 AACAAAGACAGCANGCTGCCAACTTATCTTGAAACGAANATCAAAGATGCAGAGGGAC
 AGATTTCTCAGCTTTTGAACAGAGTGGACTNGTCCATATCAGAGCAGACACCAAAGTAA
 GAGTCTCACAGAGACAGTTACCACAGCTTCAGCTTTTGGACACTAAATTTAAAGTACAC
 GTTGAGAACTCAGTACCANATATATCTGCACCNAGTTTGTGCCCACAAGAACCAACG
 NATATGAAAAGAACTCTTACAGAAAATGATCAGCCTTCCTTGT

3' Read Nucleotide
Sequence:

>OriGene 3' read for NM_152450 unedited
 NNCCGGTTTAGCTATGNACCGCGCCGCAATCTAGNGATCGGTTTTTTTTTTTTTTTTT
 TTGATTGCAAAACAGCATTTCGCCTTTTTTTTATTTGTTAAGTGAAATTTGTGGCAAAATA
 AGAAAATATGTGTTGGATAATATAGTCCCTATATAACCTCTCATGTCCAAATTTGAAAAA
 AAAAATTGTCAAGCCATTGACAGCAAAATATGTACTTTAGCAGCATATTTATATGGGTA
 AACAGTAATAGCCAGTTAGACACTTCATTTGTGATTTGTCCTAAAAATAGAAAATGCTTT
 TTATTTTCCTGAGTCCTTGGCAAAACAAAAACATTTTTTCTTTTAAATTGTTAAAGTAT
 TCCTGTTTTTCTTTTCTGGGACACCCTCACAGTTCAGAACGTTGTGTCTCACTGTGAG
 TTTTACATACAGAGATGAACAAACAGCACTGGGGCAATTTTCAATGACTGATCAAAATA
 TGGCGATTGAAAAAACCACCCATCATCTACAAAGTTGCTCAAGATGAAAGTTTCTTAC
 AGTGCTATAAATGCAATATCAATTTGAATTGTTGTCATACAAAAGTATGAATTTCTATT
 CCATTAGTAATACTGAATGATTAATACCTTAACAGCGATAAAATTTTGAACATTTAA
 AAATACAGAGGATTCCAGTTTACATCATACTTCTGACGGATTATCATACTTTCTATTTT
 GTCTGCAAACTTTTACAGAGTACAGTGCATTGACATGATAAAACCAAGGCACAAAAATA
 CAGTTACGATAAGTGTATATAAACCTAGCACTTTGTGCCAATTTTGAAACAGATCATA
 AAGTCTGAAAATTACCCTTCTATTTGATTAGTGAACATTAATTGTGCGAGTAA

Restriction Sites:

NotI-NotI

ACCN:

NM_152450

Insert Size:

3000 bp

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_152450.1, NP_689663.1

RefSeq Size: 2920 bp

RefSeq ORF: 1098 bp

Locus ID: 145773

UniProt ID: Q8TBF8

Cytogenetics: 15q22.2