

## Product datasheet for SC100621

### FAM76A (NM\_152660) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | FAM76A (NM_152660) Human Untagged Clone   |
| Tag:                      | Tag Free  |
| Symbol:                   | FAM76A  |
| Mammalian Cell Selection: | None  |
| Vector:                   | <u>pCMV6-XL5</u>  |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| Fully Sequenced ORF:      | >OriGene ORF within SC100621 sequence for NM_152660 edited (data generated by NextGen Sequencing) |

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ATGGCGGCGCTCTACGCCTGCACCAAGTGCCACCAGCGCTTCCCCTTCGAGGCGCTGTCT
CAGGGGCAGCAGCTGTGCAAGGAATGTCGGATTGCACACCTGTTGTGAAGTGCACCTAC
TGCAGGACTGAGTACCAGCAGGAGAGTAAAACCAATACAATATGCAAGAAATGTGCTCAG
AACGTGCAGTTGTATGGAACGCCAAACCTTGTCAAGTATTGCAACATAATTGCAGCATT
ATTGGGAATAAATGCCAGCGCTGCACAAATTCAGAAAAGAAGTATGGACCACCTATTCT
TGTGAACAGTGAAGCAGCAGTGTGCATTTGACAGGAAAGATGATAGAAAAGAAGTAGAT
GGGAAATTGCTGTGCTGGCTGTGCACACTTTCATAACAACGGGTCCTTCAGAAGACAAA
GAGCAGAGGAAACACCTGAGTAGCTCTTCTCGTGCTGGCCACCAGGAGAAGGAGCAGTAT
AGTCGCCTGAGTGGTGGTGGCCATTATAACAGCCAGAAAACACTTCTACATCTTCAATT
CAAAATGAAATCCCAAAGAAAAAGTCCAAGTTTGAGTCAATCACAACAAATGGAGACAGC
TTCTCCCAGACCTGGCTCTGGACTCACCAGGCACTGACCACTTTGTCATCATTGCCCAA
CTGAAGGAAGAAGTGGCTACCCTGAAGAAGATGTTGCATCAAAGGATCAAATGATTTTA
GAGAAAGAGAAGAAGATTACAGAGTTGAAGGCTGATTTTCAGTACCAGGAATCGCAGATG
AGAGCCAAAATGAACCAGATGGAGAAAACCCACAAGAAGTCACAGAACAACCTGCAGGCC
AAAAACCGAGAGCTCCTGAAGCAGGCGAGCTGCTTTGTCCAAGAGCAAGAAGTCAGAGAAG
TCAGGAGCTATAACCTCTCCATGA

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Clone variation with respect to NM\_152660.2



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|                                     |   |
|-------------------------------------|---|
| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_152660 unedited</p> <pre>GGGGGCCAGAATTGTATACGACTCATATAGGCGGCCGCGNATTCGGCACGAGGGTTGTGC CTCAGACTGTCTAGATAAATCGGCGGGCCGGGCGGCGGGTTCGGTGAGCGCGGCCCGGGCC GGACATGGCGGCGCTCTACGCTGCACCAAGTGCCACCAGCGCTTCCCCTTCGAGGCGCT GTCTCAGGGGCAGCAGCTGTGCAAGGAATGTCGGATTGCACACCTGTTGTGAAGTGCAC CTACTGCAGGACTGAGTACCAGCAGGAGTAAAACCAATACAATATGCAAGAAATGTGC TCAGAACGTGCAGTTGTATGGAACGCCAAACCTTGTCACTATTGCAACATAAATTGCAGC ATTTATTGGGAATAAATGCCAGCGCTGCACAAATTCAGAAAAGAAGTATGGACCACCTA TTCTTGTGAACAGTGCAAGCAGCAGTGTGCATTTGACAGGAAAAGATGATAGAAAAGAGT AGATGGGAAATTGCTGTGCTGGCTGTGCACACTTTCATACAAACGGGTCCTTCAGAAGAC CAAAGAGCAGAGGAAACACCTGAGTAGCTTCTCTCGTGTGGCCACCAGGAGAAGGAGCA GTATAGTCGCCTGAGTGGTGGCCATTATAACAGCCAGAAAACACTNTCTACATCTTC AATTCAAATGAAATCCCAAAGAANAAGTCCAAGTTTGTAGTCAATCACAATAATGGAGA CAGCTTCTCCCCAGACCTGGCTCTGGACTCACCAGGCACTGACCCTTTGTCATCATTGC CCCACCTGAAGAAAGAAGTGGCTACCCCTGAGAAGATGTTGCATCAAAGGATCAAATGAT TTTAGAGCAAGAGAAGAGATTCCAGAGTTGAAGCCTGATTTNAGTACCAGGATTCGCGAT GAAAGCCAAATGAACCAGATGAA</pre> |
| <b>3' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 3' read for NM_152660 unedited</p> <pre>NAGAGATCGAGTTTTTTTTTTTTTTTTTTTGGAGACGAGTCTCACTCCATTGCCAGGCTGC AGTGCAGTGTGGGATTTTCAGCTCATTGCAACCTCTGCCTCCCGGATTCGAGCAGTTCT CCTGCCTCAGCCTCCTGGGTAGCTGGGATTACAGGTGCATGCCACCAGGCCCGGCTAATT TTTGTATTTTTTAGTACAGATGGGTTTTTACCATGTTGGCCAGGATGGTCTCAAACCTC TAACCTCAAATGATCCACCCGCTTGGCCTCCCAAATGCTGGTATTACAGGCGTGAGCC ACCGCACCCGACCATATTATCCATTTTTAATCTGTTTCATGTAAAAAACATTCTC TGACCGCAGCCAGTATGACAACTGATATAAGCAAATAAAGGATTTTATTTTTTAAAGAA GTGGCCGCGTGAGAAATTTAAATCAATCACATAAAACAATCAGGAAAGGGGTGGGGAGAG AAGTGTCCAGTACAACCTGGACAACTTGCCTTGTGCCCTTATTTAAAGACAGACGGGT TAAATTTTTGCTAACTCCCCTGAGTATCCCCATTAAAGGCTCCTCCACAAATATCTCC CCAAAGGCACTTCAACCTCCACTACTTATGGCCTTTGGAATGGGCGCACCCCAATCTT CTCAATTTTCAAAAACCTCAAAGGTACACAAGAATATGAAAAGTATCGCCGCTTGCTC TTACGTTACAAGGCTCCTGAAATGCGACCTGGCTCTTTTTTAAACGGAGGACGTCACC TTTTATACACGCAAACTAGATTAGGAACAACCTCCCTTTCCCTTCCACCAAAGAAAAAT CTTTCCCTTTTAAACAATAGTATAAAAAATCTTGGCGCATCTCATAGGTACCACAGTG GTTTCTCTCATTTACT</pre>                    |
| <b>Restriction Sites:</b>           | ECORI-NOT   |
| <b>ACCN:</b>                        | NM_152660   |
| <b>Insert Size:</b>                 | 2500 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\\_152660.1](#), [NP\\_689873.1](#)

**RefSeq Size:** 2161 bp

**RefSeq ORF:** 924 bp

**Locus ID:** 199870

**UniProt ID:** [Q8TAV0](#)

**Cytogenetics:** 1p35.3