

Product datasheet for SC100512

FAM43A (NM_153690) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM43A (NM_153690) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM43A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100512 sequence for NM_153690 edited (data generated by NextGen Sequencing)

ATGCTGCCGTGGAAGAAGCACAAGTTTCGAGCTGCTGGCCGAGGCGCCGCCGCGGAGGCG
TCCAAGCCCAAGGGCTACGCTGTGAGCCTGCACTACTCGGCGCTCAGCTCGCTGGCGCGG
GCGTGCCCGAAGGCGCGCTTAGCCGGGTGGGACGATGTTCCGCTCCAAGCGCAAGAAG
CTGCACATCACTAGCGAGGACCAACTTACACCGTGCTCTACCTGGGCAATGCCACCACC
ATCCAGGCGCGCGGCGACGGCTGCACCGACCTTGTGTGGGAAGATCTGGAGCAAGAGC
GAGGCGGGCCGTCAGGGCACCAAGATGAAGCTGACGGTGAGTGCGCAGGGTATCCGCATG
GTGCACGCCGAGGAGCGCGCGTGCGCCGCCCGGGCCACCTCTACCTGCTGCACCGCGTC
ACCTACTGCGTGGCCGACGCGCGGCTGCCAAGGTCTTCGCTGGGTGTACCGGCACGAG
CTGAAGCACAAGGCCGTGATGCTGCGCTGCCACGCCGTGCTGGTGTCCAAGCCCGAAAAG
GCGCAGGCCATGGCCCTGCTGCTCTACCAGACGTCGGCCAACGCGCTGGCGGAATTTAAA
CGCCTCAAGCGGCGGGACGACGCGCTCACCAGCAGCAGGAGCTGGTGGGCGCACACACC
ATCCCGCTAGTGCCGCTGCGCAAGCTGCTCCTACACGACCTGCTGCTATAAACCGCCG
GTGGAGCGCAGCCGACGCGCCCAAGCTTGGCTCCATCACCGAGGACCTGCTCGGCGAA
CAGCTGGAGCAGGAGCTGCAGGAGGAAGAGGAAGAGGAGCAACCCGAGGGCTGCCCGGAG
GAGGAGGAGAACCGTGCGGCAGAGGGAGATCCAGCAGAGGAGGAGCCGAGGCGCAGCGT
GCGCTAGTGGTCGCCATGCACTTTGAGTGCGGGGACTTGTGGATACTCTGGAGAATGGC
CGTGGGAGGCGCTAGGAGGCGCGGGGCTCCCTGGGCCGGGGCCGGGCCGCGCCT
CTGCTGTGGGACGCGCTCCGACATGAAGGCTGAGCTGTCGCAACTTATTAGCGACCTG
GGCGAGCTCAGCTTCGGCAACGACGTGCGCACCTGACAGCCGACTTGCGGGTGACGCGC
CTGCTGTGGGCGACAGCACGGGACGAGAGCTCCATCGAGGGCGGGGGCCCTGACGCC
ACCTCCGCCACCGCGGGGACTCGTCCCGCCAGGCCGACGGCGCCAGTGCAGACGAGCCC
CACTCGGGCTGA

Clone variation with respect to NM_153690.4
1149 a=>g



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_153690 unedited
TATTACCCCGCCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAG
CAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGC
GAATTCGGCAGCAGGGGCACTCTCTCTGCTCCCTACCCCCAACTCCCTACCACAGGGCCG
CTCCAGTAGTTTTATTCTTCGATCTTGCCCGGGCCGAGCCTGGCAGGGGCCGGTGGCTC
AGCGGGCTCGCACCCGGCGCTCCGCCGCCGCCGCCAGCTGCGCCGGGGCGCCCTC
CGGAGATGCTGCCGTGGAAGAAGCACAAGTTCGAGCTGCTGGCCGAGGCGCCGCCGCGGC
AGGCGTCCAAGCCAAGGGCTACGCTGTGAGCCTGCACTACTCGGCGCTCAGCTCGCTGG
CGCGGGCGTGCCCGAAGGCGCGCTTAGCCGGTGGGCAGCATGTTCCGCTCCAAGCGCA
AGAAGCTGCACATCACTAGCGAGGACCCAACTTACACCGTGTCTACCTGGGCAATGCCA
CCACCATCCAGGCGCGCGGACGGCTGCACCGACCTTGTGTGGGCAAGATCTGGAGCA
AGAGCGAGGGCGGCCGTAGGGCACCAAGATGAAGCTGACGGTGAGTGCGCAGGGTATCC
GCATGGTGACCGCGAGGAGCGCGCTGCGCCGCCGCCACCTCTACCTGCTGCACC
GNGTCACCTACTCGGTGNGCAGCGCGGCTGCCAAGGTCTCGCTGGGTGTACCCGCA
CGAGCTGAAGCACAAGCCGTGATGCTGCGCTGCCACGCCGTGCTGGGTGTCCAGCCCCGA
TAGGCGCAGGCCATGGCCCTGCTGCTCTACCAGACGTTCCGCAACGCGCTGGCCGGAATT
AAACGCCTCAGCCGNGGACCACCCGCGTCACCAGCAGCAGGAGCTGGTGGGCGCCACACA
CATCCCGCTAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_153690 unedited
GCACTCTGTGTACGTGGCCGCTTTTCTANGATCGGTTTTTTCTTTTTTTTTTAATGAGA
TGTCAGTGACAGCGCAGGGCCGCTCCAGGGGTGGGAGGAGGAAGTGAACCCCTCCTCCT
CAGGCCCCAGCTGCCCCACAAACAGGAACTGGCCAGGCACCTACGGCCTGAGACTAGGA
ACTTCAGCCAACCTTCCCTCACC CGCATCCCAGAGGGTGCCTCTCTCCCTCCTGGCG
GGGTTTTCCCTCTCAAATCTCCCGCATCCCCACGCGCAACAGAGCCAAAAGTGCTGGG
GCGGGAGCGGGGCCGGGAGGTAGGGGAAAGCGGTGCGGGGAACGCTGGACCTGGGCTCC
AAGTGAGGTCTGGGCCCAAATGCCCATTTCCCTTCTGGGGCGGGCAAGGGACA
GGGAGGTTGTGGGACCACGGATGGGTAGCCACGGTGGAGCGCCGGCGACGCGGGAGGA
GCTCAGCCCGAGTGGGGCTCGTCTGCACTGGCGCCGTGGCCTGGCGGGACGAGTCCCCG
GCGGTGGCGGAAGTGGCGTCAAGGCCCCCGCCCTCGATGGAGCTCTCGTGCCCGTGCTG
TCGCCCCACAGCAAGCGGTACCCGCAAGTCGGCCTGCAGGGTGCGCACGTTGTTTGCC
GAACTGACCTCGCCAGGTGCTAATAAGTTGCGACAGCTCAACCTTCATGTCGGAAGCGC
TGCCACAGCAGAGGGGGGGGGCGGGCCCCGGGCCAAGGGAGCCCCGGCGCCTCCTAG
GGCCTCCCCAGGGCTTTCTCCAGAGATCCACAAGTGCCCCCCCCCTCTAAGGGGATTGGG
GACCACCTATGGCAAAGTGTGCTTGGGCTCCTCCCTTGGTG

Restriction Sites:

NotI-NotI

ACCN:

NM_153690

Insert Size:

1900 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_153690.4](#), [NP_710157.2](#)

RefSeq Size: 3182 bp

RefSeq ORF: 1272 bp

Locus ID: 131583

UniProt ID: [Q8N2R8](#)

Cytogenetics: 3q29

Domains: PID