

Product datasheet for **SC115171**

FAM32A (NM_014077) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM32A (NM_014077) Human Untagged Clone
Tag: Tag Free
Symbol: FAM32A
Synonyms: OTAG-12; OTAG12
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_014077 edited
ATGGAGGCCTACGAGCAGGTCCAAAAGGGACCCCTGAAGCTGAAAGGCGTCGCAGAGCTG
GGAGTGACCAAGCGGAAGAAGAAAAAGGACAAAGACAAAGCGAAACTCCTGGAAGCA
ATGGGAACGAGCAAAAAGAACGAGGAGGAGAAGCGGCGCGCCTGGACAAGCGGACCCCG
GCCCAGGCGGCCTTCGAGAAAATGCAGGAGAAGCGGCAAATGGAAAGGATCCTAAAGAA
GCATCCAAAACCCACAAGCAGAGAGTGGAGGACTTCAACAGACACCTGGACACACTCACG
GAGCATTACGACATTCCTCCAAAGTCAGCTGGACGAAGTAG

5' Read Nucleotide Sequence: >OriGene 5' read for NM_014077 unedited
GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGCGAAGCACTGGAGAGTG
TCATGGAGGCCTACGAGCAGGTCCAAAGGGACCCCTGAAGCTGAAAGGCGTCGCAGAGCT
GGGAGTGACCAAGCGGAAGAAGAAAAAGGACAAAGACAAAGCGAAACTCCTGGAAGC
AATGGGAACGAGCAAAAAGAACGAGGAGGAGAAGCGGCGCGCCTGGACAAGCGGACCCCG
GGCCAGGCGGCCTTCGAGAAAATGCAGGAGAAGCGGCAAATGGAAAGGATCCTAAAGAA
GGCATCCAAAACCCACAAGCAGAGAGTGGAGGACTTCAACAGACACCTGGACACACTCAC
GGAGCATTACGACATTCCTCCAAAGTCAGCTGGACGAAGTAGCCGCCTGCCCCAGTATGGA
GCAGCATCGAGGTTTCGCAAAAAGCCACACTGGGGTTGTGTGTGTTTCTTTGGTATATT
CTGGAAACATGGCTACACACACCCTTGCATCTTCTGCTACAGACTGCTTTTCGAAGCTGT
GTACCCTCATTCTGGAACCTTGATTAAGTAAGATCGTCCTTGTACTCAGTTTAGGCTTCT
TGGCAACATACAGAAGATACACCCTTTTTCGTTTGGATGGAAAGTTTCTAAGTTTATCCA
GAGGTAAGGCCATTGTGTGTCTGTGTCATGTAAAAATGTTTTACCCGAGTTGCATGTA
ATGCTCTGAGGCCGCCAGCTGTCTTCTTCTGGATGAGACAGACTCANAGGGTAAGAGCTA
GCGCATGGTGGCCTGCATATGCAAAGCCCGCAGACCCACGTGGGCGCCCTCAAGCTCCT
CTACTTTGGCCTATGCTGTCCCTGGAGCCTTAGGAANCATTGCACTATGCGCTTAACTCC
TCTTAACCCTGCCATGGACGGATGCTGGACGGAACGCACTAGCAGA



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014077 unedited TAGCTTGNACCCGGCCGAATCTAAGATCGGTTTTTTTTTTTTTTTACAATAACTGACTTTTGCCTTATTGTGTAATTTACACAGGACAACCCCAAATCCACACTTCGTTTTTCTCTTCTGCCTTCATTATTCTTTCAATATCTACGTCAACAGAAATCGTTTCTCCCAATAACATATGTGGTTGATCCTCAGCCAGGACGCACAGGCCCTACAAGATCCCAGCCCTCCAACACGACACCTGGACCCTCCCATTTGACTGCAGCCTTGTCTGTTGTACCGGGGCTCTGCCCTGTCCCTGTACCCCTGAGACGTCCGTAAGGTAGGAATGCCAAACAGGATCTGTGTGATGTGTCAACTCTGAGTAAATACAAGAGGCTGCTAGGAGCCCCAGCTGAGGATTGAGAGGCAGGCTGTGTCTGGTTCCATTTCAAAGAATGCTGTGATGCATTANCAGCGTCTGCTATGGCAACACCCATTATAAGCACCTGGAAGGGGGTTTTGGGAAACGGGCTCAGAAAGGAGCAAGGTGTGTCCGTTCCATTCTTGCCTTAAGTGGCTGTCCGTTACCCAGGCTATGCTGTCTCAGTGGCCAGGTGGCTGAGGAGGAAGTCTGAAGGCCGATAGTTGCAAGTGGCTTCCCTAGGGCCGTCAGGGGACAGCATATGCCAAAGCTAGAGGAAGCTTGAAGGGCGCCACGCTGGGCTCTGCGGGCTCTGCATACTGCAGGCCACCATGGCGCTAGCTCCTTACCCTCTGAAGTCTGTCTCATCCAGAAGAGACAGCTGCCTGGCCTCANAGCATTACATGCAACTCGGGTAAAAATTTTTAATGACACAGACCACAATGGGCTTACCTCTGGATAAACTANAACTTCCATNCCAACGAAAAGGTGTATCTTCTGTATGTGCAAAAAGCCCTAACTGAGTCAAGGACGATCTACTTATAA
Restriction Sites:	NotI-NotI
ACCN:	NM_014077
Insert Size:	1620 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:	<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_014077.1</u> , <u>NP_054796.1</u>
RefSeq Size:	1465 bp
RefSeq ORF:	339 bp
Locus ID:	26017
UniProt ID:	<u>Q9Y421</u>
Cytogenetics:	19p13.11

Gene Summary:

Isoform 1, but not isoform 2 or isoform 3, may induce G2 arrest and apoptosis. May also increase cell sensitivity to apoptotic stimuli.[UniProtKB/Swiss-Prot Function]