

Product datasheet for **SC321339**

FAM53C (NM_016605) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM53C (NM_016605) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM53C
Synonyms:	C5orf6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_016605.1
 CTCCGGCCCGCGCCCTGGGAGCTGGAGGAACCGCGACTCAGCAGGCATGACTGGAGAGGG
 AAGTCCCAATGGTGTAGAAATGGTGTGCTGAGTGGCAGAAGACGGCTCACAAAGTGGGTCT
 GGAAGAACAACAGGGAAGACATCCATCATTGCTCCAAAGTGTGCAAGTCAAATCCTGGG
 GAGAATCATGATAACCCCTGATCACTGAGCAGCTACAGAAGCAGACTCTGGATGAGCTGAA
 ATGCACACGCTTCAGCATCAGTGCCTTTGCCTGATCATGCAGACATCTCCAAGTGTGG
 GAACTCTTCCAGCTTGTGTCTGAAGGTGCTTCCCTGGAGGGGCTGCCCACTGTTCTCTG
 TGCTGAGTTCCAGGACAGCCTCAACTTCAGTACCATCCCTCAGGCCTGAGCCTGCACCT
 CAGACCACCCAGTCGGGAAACTCCCCAAGGAGCAGCCCTTCTCCCAAGTCCTAAGACC
 TGAGCCCCAGATCCAGAGAAGCTTCTGTGCCCTGCCCTCCATCCAAGAGGCACTG
 CCGCTCACTCTCAGTGCCCGTGGACCTGTCTCGCTGGCAGCCGGTGTGGCGGCCGCC
 CTCCAAGTGTGGACTCCATAAAGCACCGGGCAGTGGTGGAGGGGTGGGCCGAGGT
 GCCTCACCAGAGCCCCAAAGCGGGTCTCCAGCCTCAGGTTCTCCAAGCTCCCAGTGC
 CTCTTCTCAATGTGCCAGCTCACAGACCCTACAGCCCTCTTTCTTACAGCCTGGCCCT
 GGCCAAAGATTCTCTCGACCCTGCGCCGCTCCCTCAAAGTGGCTCCTGGGAGAGTGA
 TGCTGAGTCCTTGTACCTTGCACCTCAGCGCCGCTTCTCCCTGTACCCAGTCTGGG
 CCCGACAGCAAGCCGCTTCTTGCCTCTGCCCGGAGCTCTCCCGCATCTCCCCAGAGCT
 GCCCTGGCGACCTCGAGGTCTCCGCAACCTTCCCCGAAGCCGCTCACAGCCTTGTGATCT
 GGATGCCCGCAAAACTGGGGTCAAGCGGCGCCACGAGGAAGACCCCGCGCTCTGCGGCC
 TTCGTTGGACTTTGACAAGATGAATCAGAAACCACTCAGGAGGTCTTTGTCTCCAAGA
 AACAGCCCGGGAAGGCAGCAGCATCTCTCCACCATGGTTCATGGCCTGTAGCCCCCACC
 CCTCTCTGCTTCTGCAGCCCCACTGGGGTTCCTCCAGGTGCTGAGTGAAGCGAAGA
 GGAGGAGGAGGGGCTGTGCGGTGGGGTCCGAGGCGCTGAGCAAGCGGACACTGTGCCA
 GCGGGACTTTGGGGACCTGGACTTGAATTTGATTGAGGAAAACAAAACAGAGGCTAC
 TTCTGGGGCCACACAGACTGACTCTCTCATGGCTACTAACAAGTGTGAGTCCCCAAGG
 CTGGGGCCGAGCCTGGGAATGGGGTGTGAGTGGAGGGCTCCGACTCAGGGCAGCTGGAAA
 TCTTCTCGCTCCAGCAAGCTCGACCATGCCAAGAGACTGGCCGGGACAAGATAAACGGAG
 CTGGTGGCGGGAGGGACAGCCCCAGAGCAGACCCTTCTATGGCGGCCCTGAGTGTGAGT
 ATCCCTGCCACCAAGAGAGCAATGGGCAGGAAGGAAGGGTCTGCCACCCAGCTCGG
 GGAATTTCACTAGCCCCTTTGTCTCAAAGGCACCTTGTGTCTTAGAATTTGGCCAGGGT
 GGGGGTTGAGTACGCTCCTCAGAGAACTGCGTGTGAGTGTGTGCGTGCATGGGAGTGT
 ACTTGTGAAAGTGTGTTTGCCTAGCCTTAGGGAAGGAAGCAATTGCTCCTAACAGC
 AGAGTATCATGATACCCCAAGGATCTTGTGAGTTTTTACAGGATGTTGGGTTTGTCAAGG
 AGTCAAGAGGAGGGCACCAAGTTTTCCATTACTTTTCACTGTGAAAACCTAAGTGTGAG
 AACTGTATCTTGTCTCCAATCTAAGAACCTGTGGCCCTGGAACACTTTTCAAGAAATG
 GTTCATTTTGTCTTACACAGTAGATCTGTTCCAACAGTCTGTGTAACCAATGCTATT
 TTTCAATGCAATTTGACTGTGACCATTTAAAAGCAGCCTATGATTGCTTCTTTTGTAA
 AGCAAGCAACCTCCCTCACTTTAGCTGTTTTGACTATTTGAATTTTACATATTGGGCT
 TACCCAGAGTGGAGCACACCTCCAGGGCATGTGGCTGACACTGGGTCAATGTCTGCATCT
 GTGCTGTGTGTAGTGTGGTTGGCCAGTAGGTGAGTATCCCTGTGTGTGTGAGTGAAGC
 CACTCCCCAGGCTGGTGTCTCCTCCTGTGCCAGTACTGCCAGTGGCAGCTCAGCTG
 CCCTTCACTCCCACCTGTGCCAAAGTCCCTGTGCTAATGGGATTACAAATACAAAAAGT
 GGAAAAAATTTTCGTAACCTTTGTTTTATATTAAGAAAAATCCATAAGTCTGTGTGT
 GTTAAACATGAGGTTCTGCCTCTGTGGCTGTGTTGAAAAATAAAGTTTTATTAGAATA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016605

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_016605.1</u> , <u>NP_057689.1</u>
RefSeq Size:	4135 bp
RefSeq ORF:	1179 bp
Locus ID:	51307
UniProt ID:	<u>Q9NYF3</u>
Cytogenetics:	5q31.2
Gene Summary:	<p>The protein encoded by this gene belongs to the FAM53 protein family. FAM53 protein family members bind to a transcriptional regulator that modulates cell proliferation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2017]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>