

Product datasheet for SC325038

FAM53C (NM_001135647) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | FAM53C (NM_001135647) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | FAM53C |
| Synonyms: | C5orf6 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC325038 representing NM_001135647. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATAACCCGTGACTGAGCAGCTACAGAAGCAGACTCTGGATGAGCTGAAATGCACACGCTTCAGC
ATCAGTCTGCCTTTCCTGATCATGCAGACATCTCCAAGTGTGGGAACTCTTCCAGCTTGTGTCTGAA
GGTGTCTCCTGGAGGGGCTGCCCACTGTTCTGTGCTGAGTTCAGGACAGCCCACTTCAGCTAC
CATCCCTCAGGCCTGAGCCTGCACCTCAGACCACCCAGTCGGGAACTCCCAAGGAGCAGCCCTTC
TCCAAGTCTAAGACCTGAGCCCCAGATCCAGAGAAGCTTCTGTGCCCTGCCCTCCATCCAAG
AGGCACTGCCGCTCACTCTCAGTCCCCTGGACCTGTCTCGCTGGCAGCCGGTGTGGCGCCGCCCC
TCCAAGCTGTGGACTCCATAAAGCACCGGGCAGTGGTGGAGGGGTGGCCGCAGGTGCCTCACCAG
AGCCCCCAAAGCGGTCTCCAGCTCAGTTCCTCCAAGCTCCCAAGTGCCTCTTCTCAATGTGCCCA
GCTCACAGACCCTACAGCCCTCCTTTCTCAGCCTGGCCCTGGCCCAAGATTCTCTCGACCCTGCGCC
GCCTCCCTCAAAGTGGCTCCTGGGAGAGTGATGCTGAGTCTTGTACCTTGCCACCTCAGCGCCGC
TTCTCCCTGTCAACCAGTCTGGGCCCGCAGGCAAGCCGCTTCTTCCCTCTGCCCGAGCTCTCCGCA
TCCTCCCAGAGCTGCCCTGGCGACCTCGAGGTCTCCGCAACCTCCCGAAGCCGCTCACAGCCTTGT
GATCTGGATGCCCGAAAACCTGGGTCAAGCGGCCACGAGGAAGACCCCGCGCTCTGCGCCCTTCG
TTGGACTTGGACAAGATGAATCAGAAACCATACTCAGGAGTCTTGTCTCCAAGAAACAGCCCGGAA
GGCAGCAGCATCTCCACCATGGTTCATGGCCTGTAGCCCCCACCCTCTCTGCTTCTGCAGCCCC
ACTGGGGTTCCTCCAGGTGCTGAGTAAAGCGAAGAGGAGGAGGGGGCTGTGCGGTGGGGTCGG
CAGGCGCTGAGCAAGCGGACACTGTGCCAGCGGACTTTGGGACCTGGACTTGAATTTGATTGAGGAA
AACTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul



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| ACCN: | NM_001135647 |
| Insert Size: | 1179 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). |
| 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_001135647.1</u> |
| RefSeq Size: | 4419 bp |
| RefSeq ORF: | 1179 bp |
| Locus ID: | 51307 |
| UniProt ID: | <u>Q9NYF3</u> |
| Cytogenetics: | 5q31.2 |
| MW: | 43.1 kDa |
| 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 (1) represents the longest transcript. 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> |