

Product datasheet for **SC100573**

FAM210A (NM_152352) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | FAM210A (NM_152352) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | FAM210A |
| Synonyms: | C18orf19; HsT2329 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC100573 sequence for NM_152352 edited (data generated by NextGen Sequencing) |

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ATGCAATGGAATGTACCACGGACTGTATCTCGACTGGCACGCAGGACATGCTTGAACCA
CATAATGCTGGTCTCTTTGGACTGTCAAATGTAAAGGGACCTTACTTTTATACAAT
GCTGAATCCAAAGTGGTTTTGGTACAAGGCCCTCAAAAACAATGTTGCAATTTATCTGCT
GCCAGTGTGTTGCAAAGGAAAGGAGGCCATTGGATGCTCATCCACCCAACCAGGAGTC
CTTCGCCATAAGCAAGGGAAGCAACATGTTTCATTCAGGAGGGTTTTTTCATCCAGTGCC
ACAGCTCAGGGAACCTCCGAAAAAAGGAAGAGCCTGATCCTTTGCAAGACAAATCTATT
AGTCTTTATCAACGATTCAGAAGACATTTAGACAGTATGGAAAAGTTCTGATTCCAGTG
CATCTAATAACTTCTGGTGTGGTTTGGAAACATTTTATTATGCAGCCTTAAAAGGAGTG
AATGTCGTTTCCTTTCTAGAACTCATTGGGTTACCTGACAGTGTGGTAAGCATCCTGAAA
AACTCCCAGAGTGGAAATGCCCTCACAGCATATGCCTTGTTAAGATTGCAACACCTGCT
CGGTATACCGTGACTTTGGGAGGAACATCTGCTACTGTGAAGTATCTGCGCAGTCATGGC
TACATGTCCACGCCGCCACCCGTCAGGAGTATCTGCAGGACAGGATGGAAGAGACAAAG
GAGCTTATCACAGAGAAAATGGAAGAAACAAAAGATAGACTCACTGAAAAGTTACAAGAA
ACCAAAGAAAAGTTTCCTTTAAGAAAAAAGTGAATAA
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Clone variation with respect to NM_152352.3



[View online »](#)

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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_152352 unedited NAACGGTTCAAATTTGTATACGACTACTATAGGCGGCCGGAATTCGCACGAGGGCAC TGGAGGTCGCGAGCACGTTGCTAGTGGGCGCGGCTGGCGGGGCCGGGGCGGAGGGGGC TAGCGTCCGGCTGAGCCCGGCGGGTTCCTGCACGCGGACCCACGCTTTGTGGGCTGCTC TGCTGAGTGACACCGCGTGGCATCCGAGGAGCTGTGGTCCAGCTGCGCGGCGGGAAGC GGCGGCGGCGGCTCCAGCGTCTAAGAGAAGCTGAAACCTATCAACACTTTCAAATGC AATGGAATGTACCACGGACTGTATCTCGACTGGCAGCAGGACATGCTTGAACACATA ATGCTGGTCTCTTTGGACTGTCAAAATGTAAGGGACCTTTACTTTTATAAATGCTG AATCCAAAGTGGTTTTGGTACAAGGCCCTCAAAAACAATGGTTGCATTTATCTGTGCC AGTGTGTTGCAAAGGAAAGGAGGCCATTGGATGCTCATCCACCCCAACCAGGAGTCTTC GCCATAAGCAAGGGAAGCAACATGTTTCATTCCAGGAGGGTTTTTTCATCCAGTGCACAG CTCAGGGAACCCGAAAAAAGGAAGAGCCTGATCCTTTGCAAGACAAATCTATTAGTC TTTATCAACGATTCAAGAAGACATTTAGACAGTATGAAAAAGTTCTGATTCCAGTGCATC TAATAACTTCTGGTGTGGTTTGGAAACATNTATTATGCAGCCTGAAGGAGTGAATGT CGTTCCTTTTCTAGAACTCATTGGGTTACCTGACAGTGTGGTAAGCATCCTGAAAACCTC CAGAGTGGAAATGCCCTCACAGCATATGCCTTGNTTAAAGATGCACACCTGCTNCGTATA CCGTGACTTTGGGAGGACATCTGTACG</p> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_152352 unedited CTANNGATCGATTATG TTTGAGGGGATCACCCTAATACACACTTTGAAAAAGTACCCTCACCATATATATATTTG CTTTAAAAAATTATGACAAGCTTCAGGTAATAAATTTTTAAAGGGTCCATTTTTCAT TTACGTACAATCAGTACATCTTATTTACATATATGACTGGATCTTTATTCTATTTTCTTC ATATAAAATATTTAACTGGGAGGGAAGTCTCTATTCTGTTTTATAGAAAGACTAAAC ACCTTATTTACAGGCAGTTTTGATGATGCTAGTTTGTCTCCAAATTACGTAATATA GTTAAATCTTAATGAATAACATAAAAAATTAAGATCCGGTTTTAACAGACTATTTTATGG GTCACACTGGATATCAAGGAGTCAAGTGCCTAGTGTGTGCAATTACAGCTGCAACAAA ACAAAAATCAAGTGTGGTTCTGAAAACCTTGAAGGAAAGTCTGACTTCTAAAACATTA CCACTGCTTAATACTGCTACTGATGGCAAATCTTAACTGGGTTCAATTTCTCCCTGG AATAACACTGATTTTTCTAGGGATTTAACTTTAAAAAGGGATTTACTTCTTTAACCC TCAAAGAAGTATATTTTCGGCAACTAACCAAAAAAATAATCAGACACATGTTTCTTTG CCAATAGTTTCCAAAGGGTTAAAGTGCAGGAATTTTCTATACTGCTATATAAGGCACCT ATTCCACTTTTTCTTAAAGGAACTTTTTCTTTG</p> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_152352 |
| Insert Size: | 1800 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:

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_152352.1](#), [NP_689565.1](#)

RefSeq Size: 1941 bp

RefSeq ORF: 819 bp

Locus ID: 125228

UniProt ID: [Q96ND0](#)

Cytogenetics: 18p11.21

Protein Families: Transmembrane

Gene Summary: May play a role in the structure and strength of both muscle and bone.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.