

Product datasheet for SC117815

FAM193A (NM_003704) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM193A (NM_003704) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM193A
Synonyms:	C4orf8; RES4-22
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_003704, the custom clone sequence may differ by one or more nucleotides

ATGAAGGTCGCGCTGCTCCGGCAGCTGTCGGCTGCGGCCAAGGTGAAGGCACCATCTGGCCTGCAGGGCC
CGCCGCAAGCGCACCAAGTTCATCTCCCTCCTGCTTGAGGAGTACGGCGCCCTCTGCCAGGCCGCACGCTC
CATCAGCACCTTCCTTGGCACTCTGAAAAATGAACACTTGAAAAAGTTCCAAGTGACGTGGGAATGCAT
AATAAACACCTGTTTAAAAATCTGGTCTTTTCGGAGCCACTTCTTCAGAGCAACTTGCCCGCACTGGTGT
CACAGATCAGGCTAGGAACCAACACACGACACCTGCAGTGAGGACACATACAGTACCTTGCTGCAGAG
GTACCAGCGTCCGAGGAGGAGCTGCGCAGAGTCGCCGAGGAGTGGCTGGAGTGCCAGAAGAGGATCGAC
GCCTATGTCGACGAGCAGATGACAATGAAAACCAAGCAGCGCATGTTAACAGAAGACTGGGAGCTTTTTA
AACAAAGAAGATTCAATTGAAGAAGTTAACCAATAAGAAAGCAGTTACTGGCGAGAACAACCTTCACAGA
CACCATGAGGCACATGTTATCGTCCCGGCTGAGCATGCCGACTGCCCAACTGCAACTACAGGAGAAGA
TGTGCTTGCGATGACTGCAGTCTCTCACACATCCTCACGTGTGGTATCATGGACCCCCCGTCACTGATG
ACATCCACATTACCAGCTCCCACTTCAAGTGGATCCTGCTCCTGACTATCTTGCTGAGAGGAGCCCGCC
CAGTGTGTCATCTGCAAGCTCGGGTCCGGCTCCAGCTCTCCATCACAATTCAGCAGCACCCAGGCTC
ATCCTCACAGACAGTGGCTCGGCACCAACTTTTGTAGTGATGATGAAGATGTTGCACCATGTGCAGCCA
AATTTGCTGATATTTATCCATTGAGTAATTATGATGATACCGAGGTGGTGGCCAACATGAATGGAATCCA
CAGCGAATTGAATGGTGGCGGGGAAAACATGGCCCTGAAGGATGAGTCTCCTCAGATAAGCAGTACCAGC
AGTAGTTCTCAGAAGCTGATGATGAAGAAGCGGACGGCGAGAGTAGTGGGGAGCCCCCAGGGGCCCGCA
AGGAAGATGGAGTGCTGGGAAGCAGGAGCCCCAGGACAGAGGAGAGCAAAGCAGACAGTCCACCCCATC
CTACCCAACACAGCAGGCTGAACAAGCTCCAAACACTTGTGAATGTCATGTTTGAAGCAGGAAGCTTCT
GGACTGACACCATCTGCAATGACAGCCGGAGCCCTTCTCCTGGCCATCAGTTCTTGAGCCAGAGAAGC
CCACACACCTGCACTGCACCTTACCCTCACATCCATGGACATGTGCCTTGCACACTGTTCCACACCT
GCCAGCCCTCTCATCCACCCACCTTGTATGCAACGCCCCCTTCACACACAGTAAGGCTTACCAGCA
GCACCTGTTGAGATCACACAAATAAGCATCAGGTATTCAATGCATCTCTTAAGACCATATTTATCCGA
GCTGTTTTGGGAATACTCCAGAGTGAATAGTTCTAAATTTATAAGTCTTTGGGGATCAGAAGTGATGAA



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TGATAAGAACTGGAATCCTGGCACTTTCTTGCCAGATACAATTTCTGGGAGTGAAATATTAGGGCCAACA
 CTCTCAGAAACAAGACCGGAAGCCCTTCCACCTCCATCTAGCAATGAAACACCTGCAGTCTCGGATAGTA
 AAGAGAAAAAGATGCTGCAAAAAAGAAATGTTTATACAATTTCCAAGATGCTTTTCATGGAAGCAATAA
 AGTTGTGATGGCCACGTCATCAGCCACGTCCTCTGTGCTGCACAGTACCACAGTGCAGTCCAGCAAC
 AGCCAGTTCAGAGTGTATCCAAGAGACCTCCTCAGTAGGTGACGTGTTTCATGGCATCAGCAAGGAGG
 ACCACAGACACTCGGCCCCAGCCGCCCGAGGAATAGCCCCACGGGCTTGCCCCCTCCAGCGCTCTC
 GCCTGTGCGCTGTACCTGCTGCGCTCTCACCTGCCTCCACACCTCACCTTGCAATCTTGACGCCCCA
 TCATTCCCCAAAACAGCAACCACAACCTCCTGGGTTTGTGGACACACGCAAGAGTTTCTGTCTGCACCCC
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 CCGCTGCGAGAATGGTGTCTACGACCCACAGCAGGATGATGGGGACGAGAGTGCAGATGAGGACAGCTGC
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 GCTTCGTTACGGCTGACCAAGAGGAAAGAGGAGCAACCTAAAAAATGGACCAGATCTCAGAAAGGAA
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 GAAGAAGAGGAGGATCGTTTCAAGGAGGAATTTCAAGCGGCTTCAGGAGCTTCAGAAGCTAAGAGCTGTA
 AAAAGAAGAAGAGGAGAGGCAAGTAAAGACTGCCCCAAGTTGGACATGCTCACTAGAAATTTCCAGGC
 AGCAACAGAGTCTGTTCTTAACCTCTGGAACATCCACAATGGCTCACTAGAGCAAACTGAAGAACCAGAA
 ACCTCTTCTCACTCCCCATCCAGGCATATGAACCACTCAGAGCCCAGGCCAGGGCTAGGGGCTGATGGGG
 ATGCTGCAGACCCCGTCGACACCAGAGACTCCAAATTTCTCTCCCAAGGAGGTGAATGGAAGCAGCA
 TGAGCCACTCTCTTTTTCTTCGACATCATGCAGCACCATAAAGAAGGAAATGGCAAGCAGAAGCTGAGG
 CAGACCAGCAAGGCCAGCAGCGAGCCAGCGAGGAGGCCACAGAGCCCCCAAGGCCACAGAGGGGCAGT
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 AACCCAAACCCCTATGGAGCCACCTCTCCCGGTGAGCATCAGCAGAACAGCAAGCTGGTGTGCGAGAGT
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 TGATGTCTTTCTACCTAAAGATATTGACCTAGACAGTGTGGATATGGATGAGACAGAGAGGGAAGTGGAA
 TATTTCAAAGGTTCTGCTTGGATTCTGCTAGACAGACCCGACAAAGACTGTCTATCACTGGTCCAATT
 TTAGCTTGAAAAAAGCCACCTTTGCTGCCCACTGA

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_003704 unedited
 GCCGCGAATTCGGCACGAGCAGAAGTGCCTACACGGTGCCTGCATCTACCGCCAGGCA
 GGAACCCCGCTGGCAGATGACCAGGACCAGTCTCTGGTGCCTGACAAGGAGGGAGTGAAG
 GAGCTCGTGGATAGGCTCTGCGAGAGGGACCCCTACCAGCTGTACCAGCGTCTGGAACAG
 CAAGCTCGAGAGTATGTGCTGGAGATGAAGGTCCGCTGCTCCGGCAGCTGTGCGCTGCG
 GCCAAGGTGAAGGCACCATCTGGCTGCAGGGCCCGCCGAAGCGCACCAAGTTCATCTCC
 CTCTGCTTGAGGAGTACGGCGCCCTCTGCCAGGCCGCACGCTCCATCAGCACCTTCCTT
 GGCACTCTGGAATGAACACTTGAAAAAGTTCCAAGTGACGTGGAACTGCATAATAAA
 CACCTGTTTGAATCTGGTCTTTTCGGAGCCACTTCTTCAGAGCAACTGCCCGCACTG
 GTGTCACAGATCAGGCTAGGAACCAACACACGACACCTGCAGTGAGGACACATACAGT
 ACCTTGCTGCAGAGGTACCAGCGTTCCGAGGAGGAGCTGCGCANAGTCGCCGAGGAGTGG
 CTGGAGTGCCAAANGAGGATCGACGCCTATGTCGACGAGCAGCATTGTCCCCTTTTTG
 GGCTCCACTANGACCTTCAGACCAGTGTGAATAAGAGCATTGATACTGGGCACCTTGTC
 AGTCCTGGCTTCNAGGGGCT

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_003704 unedited TATGGACCGCGGCACGCATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTACTAATGTAT TCCATCTTTCAAAAAGAAAGACATGATTTTAATATTACTTAACAATATGTTAAAAAAGTA GCCAGGCAGGCCCTCCGTGTTAATACAGTCGTACACTCTATAACAGACTTGATGGTGTGAG TACTGGGTGGGCTTGTTTTAACTTTCTCGTTCTGCAAGGGATCTTACACAAGCTGGCTA CAAGTCAGGGGGATCAACACAAACAGCGCAACGTGTACACTCGGAGACAGTAGATTGTG GAGAACAAGGAGGCCTGCCCCGCCAGCCCGCTAGGGTGAGACGCAGGGGCACAGGAG AGCTGAGTGACGGCCGATACCCCGGTGAGGACACATGACAGGACAGGGCGCAATGCAGAG GCAACGGAGCCACGTGGATGATGCAAACTCTATCTGGCCACGGCCAGGCCTCCGAGGC CGCGGTGGTGGGAGGACTTGGCGGGAACACTGTTCCAATCCGACAGCACAGAGTACCA ATCGTAAGAGTCTTACGCACAGACTACACGTACACGAGCTAACGGCGTGGCACGAGCATC ACCTTTTTGTCTGGGGTTTCCAGCATTACCACCTTCGTACAGCCCTTTGCAAGTCCCAC AGCTTTGGGGCCCCACCTCAGGGGCCTCGACTCTTGGGTGGCCACCCACTCCACTCCCC CTCGCCGCTCTCTTCTAAGCGCCCACTCTCTCCCTGCCCTCCTTTGGTGCCCTTCTCT CCCCACCCACCTGCTCTCCCTTACCCCGCCGCTTCCCCCCCCCTCCCTCGCCCTTCTC TCCTCACCTCTTAATCCTATCTCTTTCACTGCCCCCCCCCTCTCCCTCTCTCCCCC CCCTCCCACTCTCCCGACCCATGGTTATGGAGTTACTACCCCCCGCCCTCTACTGCCT CTCCTGCATCCTCCGTCCTCG
Restriction Sites:	NotI-NotI
ACCN:	NM_003704
Insert Size:	4730 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:	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_003704.3, NP_003695.3</u>
RefSeq Size:	4742 bp
RefSeq ORF:	3675 bp
Locus ID:	8603
UniProt ID:	<u>P78312</u>
Cytogenetics:	4p16.3