

Product datasheet for **SC108215**

FAM200A (NM_145111) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM200A (NM_145111) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM200A
Synonyms:	C7orf38
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC108215 sequence for NM_145111 edited (data generated by NextGen Sequencing)

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ATGACTCCTGAATCAAGGGATACTACAGATTTGTCTCCAGGGGTACCCAGGAGATGGAA
GGCATCGTGATAGTGAAGGTGGAGGAGGAAGATGAAGAAGACCATTTTCAAAGGAAAGA
AACAAAGTAGAGTCATCGCCACAAGTTCTCAGTCGCTCTACAATATGAATGAGAGAGCC
TTATTGTCATCGTATTTAGTTGCATATAGAGTGGCAAAAGAGAAAATGGCTCACACAGCG
GCTGAAAAAATTATCCTTCCAGCATGTATGGACATGGTACGGACAATTTTGTGACAAA
TCAGTGATAAACTAAGAACTATACCTCTTAGTGATAATACAATATCTCGTCGAATCTGT
ACGATTGCAAAACATTTGGAAGCAATGCTTATTACACGGCTGCAGTCCGGTATAGACTTT
GCAATCCAACCTCGATGAGAGCACTGATATTGCAAGTTGTCCACACTCTTGGTTTATGTC
AGATATGTGTGGCAAGATGATTTTGTAGAGGATCTCTTATGTTGTTTAAATTTAAATTCA
CATATACTGGATTAGATTTATTTACTGAATTAGAAAAGTGCCTTCTGGTCAGTATAAA
TTAAACTGGAAACATTGTAAAGGAATTTCAAGTATGGAACAGCAAAATATGACCGGAAAA
CACAGCAGACTTACTGAAAAATTGTTAGAAGCAACCCACAACAATGCTGTTTGAATCAC
TGTTTTATTTCATCGAGAAGCTTTGGTATCCAAAGAAATTTACCAAGTCTGATGGATGTA
TTGAAAAATGCAGTGAAAAGCTTAAATTTTATTAAAGGAAGCTCACTGAATAGCCGACTT
CTCGAAATATTTTGTTCAGAGATTGGAGTGAACCAACCCACTTATTGTTTCATACAGAA
GTTCTGTTGGCTTTCTCAAGGAAAAGTATTGAGCAGAGTATATGAACTCAGGAACGAGATT
TACATTTTTCTCGTTGAAAAGCAATCTCATTGGCAAATATTTTGAAGACGACATTTGG
GTAACAAAATTGGCATATTTAAGTGATATTTTGGCATTCTTAATGAATTAAGCCTGAAA
ATGCAGGGGAAAAACAATGATATATTTTCAGTATCTTGAACATATTCTAGGATTCCAAAAG
ACGTTATTATTGTGGCAAGCAAGACTTAAAGTAACCGCCCTAGCTACTATATGTTTCCA
ACATTATTGCAACACATCGAAGAGAACATTATTAATGAAGACTGCTTAAAGAAAATAAAA
TTAGAGATATTGTTGCATCTCACTTCTTTGTCTCAAACTTTTAATTATTACTTTCCGGAA
GAGAAATTTGAATCATTAAAGGAAAATATTTGGATGAAAGATCCATTTGCTTTTCAAAAC
CCAGAATCAATAATTGAGTTAACTTGGAGCCTGAAGAAGAGAATGAATTATTGCAGCTC
AGTTCATCATTACACTAAAGAATTATTATAAGATATTAAGTTTATCAGCATTTTGGATT
AAGATTAAGATGACTTTCCACTGCTAAGTAGGAAGAGTATATTGCTGTTACTACCATT
ACAACATACATATTTGTGTGAAGTGGATTTTCAATCTTGACACGGTTAAAAACAAAGAAG
AGAAATAGGCTCAATAGTGCACCAGATATGCGGGTAGCATTATCTTCATGTGTTCTGAC
TGGAAGGAACTTATGAACAGACAAGCACACCCATCACATTAA

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Clone variation with respect to NM_145111.3

5' Read Nucleotide Sequence: >OriGene 5' read for NM_145111 unedited

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CCTATTTTGTAAACGACTCACTATTAGGGCGGCCGGAATTCGCACGAGGCGGGGACAG
AGTTGGACGTGCATGGCTGTGCTGCAATCCCCTCGCCACGACCGCCGGGACGGAGTG
GAAGCGGGTCCGTGCCCCGTTCTCGCGCCAGCCTCGGCGGTGGCAAGCGCTGTCCCCC
AGCAGAGGTGTCCTGGATACAGGATAGCAAAACCTGATCTCATAAAACCTAGGTCACAA
AGGACAGCCCTGCAAAACAGACCCTATTTGGATCAAGTGAGCCAGTTCTTGGAACTGAA
TAATGACTCCTGAATCAAGGGATACTACAGATTTGTCTCCAGGGGTACCCAGGAGATGG
AAGGCATCGTGATAGTGAAGGTGGAGGAGGAAGATGAAGAAGACCATTTTCAAAGGAAA
GAAACAAAGTAGAGTCATCGCCACAAGTTCTCAGTCGCTCTACAATATGAATGAGAGAG
CCTTATTGTCATCGTATTTAGTTGCATATAGAGTGGCAAAAGAGAAAATGGCTCACACAG
CGGCTGAAAAAATTATCCTTCCAGCATGTATGGACATGGTACGGACAATTTTGTGACAA
AATCAGCTGATAAACTAAGAACTATACCTCTTAGTGATAATACAATATCTCGTCGAATCT
GTACGATTGCAAAACATTTGGAAGCAATGCTTATTACACGGCTGCAGTCCGGTATAGACT
TTGCAATCCAACCTCGATGAGAGCACTGATATTGCAAGGTGTTCCACACTCCTTGGTTTAT
GTCAGATATGTGTGGCAGATGATTTTGTAAAGGATCTCTTATGTTGTTTAAATNTAAAT
CACATTACCTGGTTAGATTTTACTGGATTANAACTGGCTTCCTTGTGAGGTTAAAT
AAACTGGGAACAATGGAAGGGAATTTCACTGATGGGACACCAATATGACCGCAACACAG
CGCACTTCTGTAAATTGGTTGAGACACCCC

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_145111 unedited <pre> GGTACAGCTATGNNACCGCGCCGCAATCTANGATCGAGTTTTTTTTTTTTTTTTTAAT TACAAATATAATTTTATTAACGTTTAACTACAACATACTGCAAAATCCCTTTAAAGTAC AAATACAATTTTTTTTTTTTGGAGATGAAGTCTCACGCTGTTGCCAGGCTGGAATGCAGT GGGATTATCTCAGCTCACTGCAATCTCTGCCTTCTGGTTAAGAGATTCTCTGCCTCA GGCACCACAAAGTAACTGGGACTGCAGGCATGTGCCACCACGCCTGGCTAAGGTTTCTATTT TTAGTAGAGATGGGGTTTCACCATGTTGGCCAGGCTGGTCTTGAAGTCAAGTGATCTGCC CACCTCGGTCTCCCACTGCTGGGATTACAGGCGTAAGCCACCACACCTGGCTATACACAG AATTTTGTAAAGTTTGTATTTAATGTGATGGGTGTGCTGTCTGTTCATAAGTTCCTTCC CGTCAGGAACCCATGAAGATAATGCTACCCGCATATCTGGTGCCTATTGAGCCTATTTT TCTTCTTTGTTTTAACCGTGTCAAGATTGAAAATCCTAGTTCACACCAATTTGTGAGTT GTGAATGGGAGTAACAGCAATATACCTCTTGCTACCTTACCAGTGGAAAAGTCTCTCTA ATCTTAATCCCAATGCCGGAACCTTAATATCTATAAACTCCTTTAAGGTGAATGA TGAAGTGGGCTGCAATAATTTATCTCTCTTTCAGCGCCGAGTTTAACCCACTTTTT GGATTCTGGGGTTTTGAAAACACAAGGCTCTCTTCTTCCACAATTTATCTTTTAAG GGTACCAAATCTCTTTTCGGGACAGGAATAATCTATAAGTTTTGGGCCCAACCACTGG TCGCCCCCCTCCCCCTATTTCTTTTTTTAAACCCCTCTCTATTAAC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_145111
Insert Size:	2500 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:	NM_145111.2 , NP_659802.1
RefSeq Size:	2507 bp
RefSeq ORF:	1722 bp
Locus ID:	221786
UniProt ID:	Q8TCP9
Cytogenetics:	7q22.1
Gene Summary:	This gene encodes a protein of unknown function. The protein is weakly similar to transposase-like proteins in human and mouse. [provided by RefSeq, Jul 2008]