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Product datasheet for SC127282

FAM102A (AK074108) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM102A (AK074108) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM102A
Synonyms:	bA203J24.7; C9orf132; EEIG1; SYM-3A
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK074108, the custom clone sequence may differ by one or more nucleotides

GGGTGGTGGGACCAGCAGTGGGGGCAGCAGCACCAACTCCCTGACTGGGTCCCGGCCCCCCAAGGCTCGG
CCCACTATTCTCAGCTCAGGGCTGCCAGAGGAACCCGACCAGAACCTGTCCAGCCCTGAGGAGGTGTTCC
ACTCTGGCCACTCCCGCAACTCCAGCTATGCCAGCCAGCAGTCCAAGATCTCCGGCTACAGCACAGAGCA
CTCGCGCTCCTCCAGCCTCTCAGACCTGACGCACCGCCGCAACACGTCCACCAGCAGCAGCGCCTCTGGG
GGCCTTGGCATGACCGTGGAGGGCCCTGAGGGCAGTGAGCGGGAGCACCGGCCCCCGGAGAAGCCGCCGC
GGCCACCCCGGCCCCTGCATCTGTCCGATCGCTCTTTCAGGCGGAAGAAGGACTCGGTGGAGAGCCACCC
GACCTGGGTGGACGACACGCGGATCGATGCGGATGCCATCGTGGAGAAGATCGTGCAGAGCCAGGACTTC
ACAGATGGCAGCAACACCGAGGACAGCAACCTCCGGCTGTTCGTGAGCCGCGATGGCTCTGCCACGCTGA
GCGGCATCCAGCTTGCCACCAGGTAGGGCAGGCTTAGGGAGGGGTCGTCGGGGCGGCTGGGGCTTGGGGG
TGAGAGCAGAGTCCCCACAGTCCACTCACCTGGCCTTGAACGCCAAATCTTGTCGCCACAGTGTGACCCT
GGGCCTGTCATGTCTCTGAACCTCCCTTTCCCCATCTGTCAGGCTGTGTGGACACCACCACCTCACCTGG
GAGCCTGGGGCAGTGAGGGCACGGACAGGTTCGGTGGTTTCCCACAGTTCACAAGGTCACCTCCAGCAAT
GCCTGGTGCAGGGCTCAGCACATGGCAGGGGCCTCACACGCATTTATTTAGAACCCTCCCTTCTACTTCC
TCCCAGCTCCAGGGACTCGGGAAGAATGGTGGTGGTGATGCCTCATGGGTTTACTGAACAAATCTTTCCC
TAGCACCAGCTAGGCACTAGGCCCTAAGTGAAGGCCTGGTTCAATGCAGGCTGCTGCCTACACAGCATCC
ACAGATGGCAGGGGTAGATGGGACCAAAGTTGCGGGAACGACAGTTTATAGAGTGCTGCGTCACAGACAT
TCATTTGGAGCATGTTGACTATGTGCCTGGCTCTCCATGTGCTTTGGCTAACCAAATGAATGAGCGAGTG
AGCGAATGAGCTTCCCACAGGCGGGCTGCTGAGGGCAGGTGGGGAGCCCGCCTAACATCCACATCCCCAG
GGAAGAGGCGTGGCCAGGCCGCTGCGCAGAGGCTACCCTCTCAAGCTGCTCTGCTGACTCCTGCTGGCCA
CGGCCTGGAATGGCAGCCATCACCTCCCAGTAGCCTCCTGGGCTGCTCTGGGGTGGGGGTGAGGGGGCGG
TGAGCAAGAAGGAAACTGAGGGGCTGGCTTCCTTATGGGTTTGTAAACACACCCCTCCCTGGCCCCCTCT
GAAAATGAGGAAGCATCTTGGGGAAAGAAACCAATCTGGTTGGGAGCGAGATCACAGCAGAGCTACATGC
TGAGCCCCGAGAGTCCCCGACTCCAGGGCTGGGCCTGGGCTCGGCAGGGAAAGGAGCTGACCAGGTTTCC

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TGACTTCCCACTGCCCTCTTGGTCACCCTCACATCCCTCTGAGCCTCAGTTTCTTCACCTGTCAAGTGGG
GCAGGATGCAGTGACTCCCTGCCGAGGTGACCGTGAGGATGGGGTGGCACAGCCAGATGTGCCCGGAAGG
GCTCTGCAGGCCCCACAGACTCTGATGCTTACTATCTGTGTCACTGTGGGCAAGGGACTTACCATCGCTG
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CAGGGCCTTGCTCCGTTGTTCCCTTGCCCTGGTGGTGGGGGGGCCAGACCGCCTCCGGAATCCTGCCACC
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TCTTGGAACTCCCTGGCATTGGGAACAGAGCATTTCCAGCATTTGTTGTTGTTGTTTTACTCACCTAACC
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TGCTCAGCCCTGAGAGTCCCTTCCTGCCCCACCGATACTGGCACTTTAAAAAGGAAGCTGACCGCACAGT
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AGCCTAGGAGGGAGGTGCATTCAGGGTAGATTTGCCTCTCATTCAAAGTTCTGGGGCTTTGGGCGGAAAA
CAGCCAGCTTTGGCGCTGTTGGGGAGACTCCTCCAGACCAGGAACCCCAGAAGGAGACAGAGCCTGCCAC
ATCCTCCCACGCCAGGCCCTGGGCCAGGGTGATTGGACTGAGAATTTGGCCACAACCAAATTGATGCTGG
CTGGAACCAGAGGCCAGAAAGCCTGGCCTTGTCCCCATGTGGGAGCCCTGTCCTCAGCCCTCTTGTCCCC
TTGAGCTCAGTGAATTCCCACCAGGTGCCCACAGCTCCTGGACTTCAAATTCTATATATTGAGAGAGTTG
GAGAGTATATCAGAGATATTTTTGGAAAGGAGTTGGTCTATGCAATGTCAGTTTGGAATCTTCTTGAAAG
TTTAATGTTTTTATTAGGAGATTTAAAGAAAATAAAGGTCTACAATATC

5' Read Nucleotide Sequence:

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>OriGene 5' read for AK074108 unedited
CAGAATTTTGTAATACGACTCACTATAGGGCGGCCCGCGAATTCGCACGAGGGGTTCCTT
CCCTAGCTCCCCATCTGCCCCCGCTGGTGAGAGTTGGGCTTCTTGGTCTTGGAACTCCCT
GGCATTGGGAACAGAGCATTTCCAGCATTTGTTGTTGTTGTTTTACTCACCTAACCCTTA
GAAAATGAATGTTAGAAGGTGCCTGCCGAGGCGGGACAGAGTGTTTGCTCGCGCTGGAGA
AGGCTCTGCTCAGCCCTGAGAGTCCCTTCCTGCCCCACCGATACTGGCACTTTAAAAAGG
AAGCTGACCGCACAGTGTCCAGACGAATTGGCCCCCAGAAGATGGGGAGTTCTGTCCTGC
CCTTCTGTGTCTGCGTGACCTCACCCAGCCTAGGAGGGAGGTGCATTCAGGGTAGATTTG
CCTCTCATTCAAAGTTCTGGGGCTTTGGGCGGAAAACAGCCAGCTTTGGCGCTGTTGGGG
AGACTCCTCCAGACCAGGAACCCCAGAAGGAGACAGAGCCTGCCACATCCTCCCACGCCA
GGCCCTGNGCCAGGGTGATTGGACTGAGAATTTGGCCACAACCAAATTGATGCTGGCTGG
AACCAGAGGCCAGAAAGCCTGGCCTTGTCCCCATGTGGGAGCCCTGTCCTCAGCCCTCTT
GTCCNCTTGAGCTCAGTGAATTCCCACCAGGTGCCCACAGCTCCTGGACTTCAAATTCTA
TATATTGAGAGAGTTGGAGAGTATATCAGAGATATTTTTGGAAAAGGATTGGNTCTATGN
CANTGTCAGNTTTGGAATCTTCTTNGAAGTTTTAATGTTTTTATTANNGAGATTTAAGAA
AATAAAGGTCTACAATATCT
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Restriction Sites: NotI-NotI

ACCN: AK074108

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: AK074108.1, BAB84934.1

RefSeq Size: 4319 bp

RefSeq ORF: 4319 bp

Locus ID: 399665

Cytogenetics: 9q34.11

Gene Summary: May play a role in estrogen action.[UniProtKB/Swiss-Prot Function]