

Product datasheet for SC302829

FAM102A (NM_001035254) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM102A (NM_001035254) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM102A
Synonyms:	bA203J24.7; C9orf132; EEIG1; SYM-3A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302829 representing NM_001035254. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCTTTCTTGATGAAGAAGAAGAAATTCAAATTCAAACTACTTTCACCCTGGAGGAGCTGACTGCG
 GTTCCCTTCGTGAACGGGTCTCTTCTGCAAGGTCGGCTGCTGGATGGAGGGGATTTTGTGAGCTTG
 TCGTCAAGGGAGGAGGTACAGGAGAACTGTGTGCGGTGGCGAAAGAGGTTACCTTCGTGTGAAGATG
 AGTGCTAACCCGGCCACCGGCTGCTGGACCCCTGTGTCTTCCGTGTGTCTGTGCGCAAGGAGCTGAAA
 GCGGGAAGGCTTATTCCAAGCTGGGCTTCGCTGACTTGAACCTGGCCGAGTTTGC GGCTCGGGCTCC
 ACGGTGCGCTGCTGCCTGCTCGAGGGATATGACACGAAGAACAACCTCGCCAGGACAACCTCCATCCTTAAG
 GTCACCATTGGTATGTTCTGCTCTCTGGAGATCCCTGCTTCAAGACGCCACCATCGACTGCCAAGTCC
 ATCTCCATCCCAGGCCAGGATTCTCCCTGCAGCTGACGTGTAAGGGTGGTGGGACCAGCAGTGGGGGC
 AGCAGCACCAACTCCCTGACTGGGTCCCGGCCCCCAAGGCTCGGCCCACTATTCTCAGCTCAGGGCTG
 CCAGAGGAACCCGACCAGAACCTGTCCAGCCCTGAGGAGGTGTTCCACTCTGGCCACTCCCGCAACTCC
 AGCTATGCCAGCCAGCAGTCCAAGATCTCCGGCTACAGCACAGAGCACTCGCGCTCCTCCAGCCTCTCA
 GACCTGACGCACCGCCGCAACACGTCCACCAGCAGCAGCGCTCTGGGGCCTTGGCATGACCGTGGAG
 GGCCCTGAGGGCAGTGAGCGGGAGCACCGGCCCGGAGAGCCGCCCGGCCACCCGGGCCCTGCAT
 CTGTCCGATCGCTCTTTCAGGCGGAAGAAGGACTCGGTGGAGAGCCACCCGACCTGGGTGGACGACACG
 CGGATCGATGCGGATGCCATCGTGGAGAAGATCGTGCAGAGCCAGGATTTACAGATGGCAGCAACACC
 GAGGACAGCAACCTCCGGCTGTTCTGTGAGCCGCGATGGCTCTGCCACGCTGAGCGGCATCCAGCTTGCC
 ACCAGGTCTCTTCTGGGTCTACGAGCCAGTTGTGATTGAAAGCCATTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001035254
Insert Size:	1155 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:	<u>NM_001035254.2</u>
RefSeq Size:	4161 bp
RefSeq ORF:	1155 bp
Locus ID:	399665
UniProt ID:	<u>Q5T9C2</u>
Cytogenetics:	9q34.11
MW:	41.8 kDa
Gene Summary:	May play a role in estrogen action.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a). 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.