

## Product datasheet for **SC107182**

### **FAM78A (NM\_033387) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM78A (NM_033387) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM78A
Synonyms:	C9orf59
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033387, the custom clone sequence may differ by one or more nucleotides

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ATGCCTGGTTTTTCTGTGACTGCTGGCCTTCCCTGGAGATCAGAGCGCTCCTGTATGCCATGGGCTGTA
TTCAGAGCATCGGAGGCAAAGCCAGAGTCTCCGGGAAGGGATCACGGTGATTGATGTGAAAGCCTCCAT
CGACCCCGTCCCCACTAGCATCGATGAGTCTCCAGCGTGGTGTCCGCTACCGGACACCCCACTCCGG
GCCTCGGCCAGGTGGTCATGCCGCCATCCCCAAGAAGGAGACTTGGGTAGTTGGCTGGATCCAGGCGT
GCAGCCACATGGAGTTCTACAACCAGTACGGCGAGCAGGGCATGTCCAGCTGGGAGCTCCCCGACCTCCA
GGAGGGCAAGATCCAAGCCATCAGCGACTCGGATGGGGTGAACCTACCCCTGGTACGGCAACACCACAGAG
ACCTGCACCATCGTGGGCCCAACCAAGAGGGACTCCAAGTTCATCATCAGCATGAATGACAACTTTTACC
CCAGCGTCACATGGGCCGTGCCGTGAGCGAGAGCAACGTGGCCAAGCTACCAATATCTACCGGGACCA
GAGCTTACCACCTGGCTGGTGGCCACCAACACCTCCACCAACGACATGATCATCCTGCAGACGCTGCAC
TGGCGCATGCAGCTCAGCATCGAGGTGAACCCCAACCGGCCCTGGGCCAGCGCGCCCGGCTGCGGGAGC
CCATCGCCAGGACCAGCCAAAATCCTGAGCAAGAATGAGCCCATCCCGCCAGCGCCCTGGTCAAGCC
CAATGCCAACGATGCCAGGTCTCATGTGGCGGCCAAGTACGGGCAGCCGCTGGTGGTATCCCGCC
AAGCACCGGTGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_033387 unedited CCCGAGCCCAAACNCCCTTCCCCCNCGGTCGGATTTGTATACGACTCACTATAGGCGG CCGCGAATTCGGCACCAGGTCAGAACCGCATAATTATTCAAATAACTACAACTTTTTT AACCCAAAGAATATCGGTGATTTTTGTCCACTGCGAGGAGAAGAAGAGAGAGCCAGGGC TCATGAAATGCAGCAGATCCTTATTTATAAACAGGCCGCGGTAGTGATATATGCAACCC CAGTCTACTCAGTGAGTTTTCTATCCTATGGATATCGGTCTTGAGAGTTGAGATTGGAGA GCAGCGCCGTCTGTACTGGTCTGCAGCCTCTGCCTTTCAATGCCTGGTTTTTTCTGT GACTGCTGGCCTTCCCTGGAGATCAGAGCGCTCCTGTATGCCATGGCTGTATTCAGAGC ATCGGAGGCAAAGCCAGAGTCTTCCGGGAAGGGATCACGGTGATTGATGTAAAGCCTCC ATCGACCCCGTCCCCACTAGCATCGATGAGTCCTCCAGCGTGGTCTCCGCTACCGGACA CCCCCTTCCGGGCTCGGCCAGGTGGTCATGCCGCCATCCNCAAGAAGGAGACTTGN GTAGTTGGCTGGATCCCAGCGTGCAGCCACATGGAGTTCTACAACAGTACGGCGAGCAG GGCATGTCCAGCTGGGAGCTCCCCGACCTCCAGGAGGGCANGATCCCAGCCATCAGCGAC TCGGACGGGTGAACTACCCCTGTACGGCAACACCACAGAGACCTGCACCATTGTGGG CCCACCCAGAGGGACTCCAGTTCATCATCAGCATGAATGACCACTTTTACCCAGCGTC ACATGGGCCGTGCCCGTCAGCGAGAGCAGTGGCCAAGCTCACCCACATTTACGGGGACAG AGCTTTACCACTGGCTGTGGNCCCAACACCTCCACCACGAATGT
<b>Restriction Sites:</b>	ECoRI-NOT
<b>ACCN:</b>	NM_033387
<b>Insert Size:</b>	4700 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_033387.2</a> , <a href="#">NP_203745.1</a>
<b>RefSeq Size:</b>	3957 bp
<b>RefSeq ORF:</b>	3957 bp
<b>Locus ID:</b>	286336
<b>UniProt ID:</b>	<a href="#">Q5JUQ0</a>
<b>Cytogenetics:</b>	9q34.13