

## Product datasheet for **SC113856**

### FAM70A (TMEM255A) (NM\_017938) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM70A (TMEM255A) (NM_017938) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM70A
Synonyms:	FAM70A
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017938, the custom clone sequence may differ by one or more nucleotides

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ATGCATCAGTCCCTGACTCAGCAGCGGTCCAGCGACATGTCCCTGCCGATTCCATGGGAGCATTCAATC
GGAGGAAACGAACTCCATCTATGTACCCTGACTTTGCTTATTGTGTCCTGTTAATTCTCACAGTGGG
CCTTGCTGCAACCACCAGGACCCAGAAATGTGACTGTAGGAGGTTATTACCCCGGAGTTATTCTCGGCTTT
GGATCGTTCCTTGAATCATTGGATCAAACCTTATTGAGAACAAAAGGCAGATGCTGGTGGCTTCTATCG
TGTTTATCAGCTTTGGTGTGATTGCGGCTTTTTGTTGTGCCATAGTTGACGGGGTCTTTGCTGCCAGACA
CATTGATCTGAAACCACTCTACGCTAACCGGTGCCATTATGTTCCCAAGACATCACAGAAGGAAGCTGAG
GAGGTCTAAAGTTCCTCAACCAAAAATTCTCCTCCACGAGGGTTATGAGGAACCTTACCCAGGCAGCTA
GAGAGGTTAACTGCCCTCACCTCAGCCGTGAATTCTGCACACCTCGCATCCGGGGCAACACCTGCTTCTG
CTGTGACCTCTACAACCTGTGGCAACCGGTGGAGATCACTGGTGGTACTACGAATACATCGATGTCAGC
AGTTGCCAAGATATCATCCACCTCTACCACCTGCTCTGGTCTGCCACCATCCTCAACATTGTTGGCTGT
TCCTGGGCATCATCACTGCCCTGTCTTGGAGGCTTTAAGGACATGAACCAACTCTCCAGCACTGAA
CTGTTCTGTTGAAAATACCCATCCAACAGTTTCTTACTATGCTCATCCCCAAGTGGCATCTACAATACC
TACTACCATAGCCCTCCTCACCTGCCACCATATTCTGCTTATGACTTTCAGCATTCGGGTGCTTTCCAT
CCTCCCCCTCCCTCTGGACTTTCTGATGAGCCCCAGTCTGCCTCTCCCTCACCCAGCTACATGTGGTCCCTC
AAGTGCACCGCCCCGTTACTCTCCACCTACTATCCACCTTTTGAAAAGCCACCCTTACAGTCCCTAA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_017938 unedited</p> <pre>TAATACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGTCACAGTGGGCTTGCTG CAACCACCAGGACCCAGAATGTGACTGTAGGAGGTTATTACCCCGGAGTTATTCTCGGCT TTGGATCGTTCCTTGAATCATTGGATCAAACCTTATTGAGAACAAAAGGCAGATGCTGG TGGCTTCTATCGTGTTCATCAGCTTTGGTGTGATTGCGGCTTTTTGTTGTGCCATAGTTG ACGGGGTCTTTGCTGCCAGACACATTGATCTGAAACCACTACGCTAACCGGTGCCATT ATGTTCCCAAGACATCACAGAAGGAAGCTGAGGAGGTCATAAGTTCCTCAACCAAAAATT CTCCTTCCACGAGGGTTATGAGGAACCTTACCCAGGCAGCTAGAGAGGTTAACTGCCCTC ACCTCAGCCGTGAATTCTGCACACCTCGCATCCGGGGCAACACCTGCTTCTGCTGTGACC TCTACAACGTGGCAACCGGGTGGAGATCACTGGTGGTACTACGAATACATCGATGTCA GCAGTTGCCAAGATATCATCCACCTCTACCACCTGCTCTGGTCTGCCACCATCCTCAACA TTGTTGGCTGTCTCTGGGCATCATCACTGCCGCTGCTTGGAGGCTNTAAGGACATGA ACCCAACCTCTCCAGCACTGAACTGTTCTGTTGAAAATACCCATCCAACAGTTTCTTACT ATGCTNCATCCCAGTGGCATCCTACAATACCTACTACCATAGCCCTCCTCACCTGCCACC ATATTCTGCTTATGACTTTCAGCATTNCGGTGTCTTCCATCCTNCCCTCCCTCTGGACT TTCTGATGAGCCCAAGTCTGNNCTCCTCACCAGCTACATGTGGTCTCAGTGACCCG CCNGTACTCTNCACTACTATCCACTTTTTGAAGNCCACACCTTAACGTT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_017938 unedited</p> <pre>GCGGGCCGAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTCTAGGTAACATGCACTTTA TATAATTCAATGTAATAAAAAAGCTGCTCAAATTAAGTGTACAAAATCTATACTGTTTC AGGTTATTTTGAAAGTAAGAAAAATACATAGAAATGAGCCATAGAATCTTAACACTTTA AGAAATGTGATAAATGTAGGATAAACTGTGTAATGGTGCCTTAAAAAATTAATATGGAC ATTCATAAAGCCAACGGTCAAATGTAAATGGCAAAAAAATTCATTGAGTATTACAAGTT GATATTTGTTTAGTTAGTCAGTTGGGTATTAGTCTTTTTGAAATCCAGTAGAATTTTA ATATGCTCAGAACTGTAAAAAATCATAGTAATTTTGATAAACATAAAAGGATTATAGTTT TTCGGATTCAAAATCTGGATAAAGAACATTCATGATGCTGAAAGTTAAACTGAATATCTTG CAAACATTTACTGTTAATGAGAGAGTGCCTTCTGTGCCTTGATTCTTGATGGCTAAGT GTCTACAAGGTAGATGGGAGCACCAGCATTTCGCTACCTCTAATCCATCAAGTTGGGAG GTAGCAAAATGGCCGGAAAAATTTNCAGTGTGTGTTCTGTGTTTGGAGAAGTGTCTATTA NGTACCCTCCTGTAGCCCTTATTTTTACGTTATAAAGATAGGATTATCAATCTTTCTTT AAATCATTCTCAGGTTACATAAGATACAATGAAGTGTTTATTCTGAAGTGAAGCATGGGT GCAAAAAGCTTTAACTCATAAGGTGATGGTTAAAGCTATGTGTAATTAAGGACTGTCAA ATACTACCACGGGGTGGCAGAGGGATTTTAAATCTGCCGGAACACTAAAATTTTGTGAGT TGGCTCGNTTGAAGTTTTGCGACTTGAACGGCATTGGACACTTCTAACCTGGATGTGC CATGACGGGCC</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_017938
<b>Insert Size:</b>	2880 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).

**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\\_017938.2](#), [NP\\_060408.2](#)

**RefSeq Size:** 3408 bp

**RefSeq ORF:** 1050 bp

**Locus ID:** 55026

**UniProt ID:** [Q5JRV8](#)

**Cytogenetics:** Xq24

**Protein Families:** Transmembrane