

## Product datasheet for **SC123311**

### CALHM5 (NM\_153711) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CALHM5 (NM_153711) Human Untagged Clone
Tag:	Tag Free
Symbol:	CALHM5
Synonyms:	C6orf188; dj493F7.3; FAM26E
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_153711 edited  
 CCACGCGTCCGCCACGCGTCCGGCTGCTCTGCCAATAACAAAGGCACAGCATTTTCCCT  
 CTGTGCATCTCCAACATGGATGCTTTTCAGGGCATTAAAAATTCTTCTTAATCAGAAA  
 ACTGTTATTGGCTACAGCTTCATGGCTCTGCTGACCGTGGGAAGTGAGCGTCTCTTTTCT  
 GTTGTGGCTTTAAGTGCCCTGCAGCACTGAGAATATGACCTATGGGCTGGTTTTCTC  
 TTTGCTCCTGCCTGGGTGTTACTGATCCTGGGATCTTTCTGAACAATAGGTCGTGGAGA  
 CTCTTCACAGGCTGCTGTGTGAATCCCAGGAAAATCTTTCCAGAGGCCACAGCTGCCGT  
 TTCTTCTACGTCTCGGCCAGATCACTCTGAGCTCATTGGTGGCTCCAGTGATGTGGCTT  
 TCTGTGGCTCTGCTCAATGGAACCTTCTATGAATGTGCCATGAGCGGGACGAGAAGTTCA  
 GGACTCCTGGAACGATTGCAAGGTAAGCCCAAAGAGTGCTGGGAAGAACTTCACAAA  
 GTATCTTGTGGCAAACTAGCATGCTACCTACCGTCAATGAAGAAGTAACTCTCCCTT  
 CAGGCCAGTCTCAGATTCTAGGATGGTGCCTGATTTGTTTCAGCGTCTTTCTTCTCTG  
 CTCACCACATGTTATGCTCGCTGCCGATCTAAAGTTAGCTACCTTCAGCTGAGTTTTGG  
 AAGACATATGCACAAAAGGAGAAGGAGCAGTTGAAAAATACATTTCTGGACTATGCCAAC  
 AAGCTGAGCGAGAGGAACCTGAAATGTTTTTTTAAAACAAGAGGCCAGATCCTTTTCCC  
 ATGCTACGTTTCTGCTGGGAGGCTGCTTCAGAGCTGATTCTTTCCACCAAAGCCAG  
 CAACACTATAGCACCTCCACAGAGTGGTGGACAATGGTCTGCAACTTAGCCCTGAGGAT  
 GATGAGACGCAATGGTCTTGTGGTACTGCCCAATATGTAGCTCATCCACCATCAA  
 TGACTCATGGTGTGAGTGGCATGCTCATTCTGTGATCCTCCTAACGTATCACCAGCAAC  
 CTGTGTCTCTGTATTTTCTTACATTTGGAGTATGTTTACAAGACAATAACACAAAGGA  
 AACTGCTTTGAAGCTCTCAAGTAGAACATCAGGATGTGCTCAAATGATGCTGAGGGGTG  
 ACAAGGTGCTCTTGATTGGTGGAGAGGGGCTCAGTAGGCCTAAATGTTGCTCCAAGAT  
 CTAAGATTTTATCATTCAACAGACAGACTCATGTGAGAGGGCTCATCAGTCTGTAAAT  
 ATTGGTTGCAGAATTTAGGGGCAGAAGCAATGGCTTGTGAGTGAGCAAGTTACTCTTAAC  
 ATAGGTTGCCCTACACAGTGGCTCCTGCACTGTGATCAGCAGGAGTCTCTGCTACAAA  
 TCTACACTTTTAAAGGATGTATGAAATTGTGGAATTCATCCCTCAGGATCTGAAGATCTC  
 AGTTCTCAAAAATCACAAGTTGCAAGAATATGATACCTAAAATGAAAGTTTTTTCATG  
 TTTTCACTGTACTGAAAATACTCCCCTGGAAGCAGGGCTGCATATAATTTTGTGGG  
 CTTTATGTACTTTGCTTTGCGAACCATTTCTACATTCAAAATAGTAGTAACAAATAT  
 ATATATATATACACACACACACAGAAATATATATTTATAACTGCATTGATAAAAGG  
 TGAATATATTAGCATTTTCTTCAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_153711 unedited  
 NNNNNGGTTTCATTTTTGTATACGACTCATATAGGCGGCCGCGNATTCAAATCTGGTACCG  
 GTCCGGAATCCCGGGATATCGTCGACCACGCGTCCGCCACGCGTCCGGCTGCTCTGC  
 CAATAACAAAGGCACAGCATTTTCCCTCTGTGCATCTCCAACATGGATGCTTTTCAGGGC  
 ATTTTAAAAATTTCTTAAATCAGAAAAGTATTGGCTACAGCTTCATGGCTCTGCTG  
 ACCGTGGGAAGTGAGCGTCTTTTTCTGTTGTGGCTTTTAAAGTGCCCTGCAGCACTGAG  
 AATATGACCTATGGGCTGGTTTTCTCTTTGCTCCTGCCTGGGTGTTACTGATCCTGGGA  
 TTCTTTCTGAACAATAGGTGCTGGAGACTTTCACAGGCTGCTGTGTGAATCCCAGGAAA  
 ATCTTTCCAGAGGCCACAGCTGCCGTTTCTTCTACGTCCTCGCCAGATCACTCTGAGC  
 TCATTGGTGGCTCCAGTATGTGGCTTTCTGTGGCTCTGCTCAATGGAACCTTCTATGAA  
 TGTCCATGAGCGGGACGAGAAGTTCAGGACTCCTGGAAGTATTGCAAGGGTAAGCCC  
 AAAGAGTGTGGGAAGAACTTCACAAAGTATCTTGTGGCAAACTAGCATGCTACCTACC  
 GTCATGAAGAAGTAACTCTCCCTTCAGGCCAGTCTCAGATTCTAGGATGGTGCCTG  
 ATTTGTTACGCGTCTTTCTCTCTGCTCACCACATGTTATGCTCGCTGCCGATCTAAA  
 GTTAGCTACCTTCAGCTGAGTTTTTGAAGACATATGCTCTAAAAGAGAAAGGAGCAGTT  
 GCAAAATACATTTCTGNACTATGCCAACAGCTGAGCGAGAGGAACCTGAATGTTTTTTT  
 GAAACACGAGCCA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_153711

<b>Insert Size:</b>	1777 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>	<u><a href="#">NM_153711.1</a></u> , <u><a href="#">NP_714922.1</a></u>
<b>RefSeq Size:</b>	1777 bp
<b>RefSeq ORF:</b>	930 bp
<b>Locus ID:</b>	254228
<b>UniProt ID:</b>	<u><a href="#">Q8N5C1</a></u>
<b>Cytogenetics:</b>	6q22.1
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Pore-forming subunit of a voltage-gated ion channel.[UniProtKB/Swiss-Prot Function]