

## Product datasheet for **MC205437**

### Calhm2 (NM\_133746) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Calhm2 (NM_133746) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Calhm2
Synonyms:	2810048G17Rik; Fam26b
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC019197  
CCACGCGTCCGCGCCACTGTTTCTTTCTCTCTTTTCTGGAGTTAAATTTGTCTGCAGATGCCTGCACT  
TCATCTGTAGACGCCTCCAGTTAAGTTTGTGTAAGTGGGCCAAAGCTCCGTTGCGTTGCGTTCAAAC  
GCTGGGCCCGGATCCTACGCGGACTGGGTGCAAAAGCAAAGCCGGCAGTGAACCCCGTGAGGCCACTTT  
GCCTCGCGGTGAGGACACCTTCCAGTGTCTGCGGGAGCCACACTGCTGTCAATCCATCAGGAATCCA  
AGGCCACGGGGCCCTGCAACCAGCCCTAGGAAGCACCAGTTCAGCCACTGCTGGAGCTAAAATGGCATGA  
TCATGGCTGCGCTGCGGTGCTCCGCTGCTGCGCTCCTTACTAGTCTCACCAGAAGCCATCAGTAG  
TTCTGCCCTCTTCTGCCTCCTCCTGCGCATCCCATCCCCGCGCCAGTCACCATGGCGCCTTGATTG  
CAGAGAACTTCCGCTTCTGTCTCTTCTTCAAGAGCAAGGATGTGATGATTTTCAATGGGCTGGTGGC  
CCTGGGCACGGTGGGCAGTCAAGGAGCTGTTCTCAGTGGTGGCCTTCCACTGTCCCTGCTCACCCGCGG  
AACTACCTGTATGGACTGACAGCAATTGGCGTGCCTGCGTGGCCCTTCTCCTTATCGGAGTCATTCTCA  
ACAACCACACTTGAACCTAGTCGCGGAGTGCCAGTACCGGAGGGCCAAGAAGTCTCCGCGGCCCCCAA  
CTTCTCTCTAAGCTCAATCCTGGGCCGTGCAGCTGTAGCTCCAGTCACCTGGTCTGCATCTCCCTG  
CTCCGAGGGGAGGCTATGTCTGTGCTCTCAGTGAGTTTGTGGACCCCTCCTCGCTCACAGCTGGGATA  
AAGGCTTCCCCCAGCCATGCTACGGAGTCTAGCCAGTTCCCTTGTGGAGAGGGCCCCGCCAACCT  
ATCCAGCTTCCGAGAGGAGTCAAGTATGAGTCTCAGCTCTTCCGATGGCTGCTCATC  
GGTGTGGTGGCCATCCTGGTGTCTGACCAAGTGCCTCAAACATTACTGCTCGCCACTCAGTACCGTC  
AGGAGGCTACTGGGCTCAGTACCGTACCAACGAGGACCAGTTGTTCCAGCGCACAGCAGAGGTGCATTC  
GAGGGTGTGGCCGCAACAACGTGCGCCGTTTCTTTGGCTTTGTGGCTCTCAACAAGGATGACGAAGAG  
CTGGTCGCAAGTCCCAGTGAAGGCACACAGCCACGGCCACAGTGAACGCTATCACTGGGGTCTATC  
TGTACCGAGAGAACCAGGGCCTCCACTCTACAGCCGCTACACAAGTGGGCCAGGGTCTGACAGGTAA  
TGGCACAGCCCTGACAATGTGGAGATGGCCCTGCTACTGCTTAAGAGCCTGCTTCTATGCTCTGTAAG  
CGGAAGTACACAGACTAAGTCTCATGGCGTCTCATTTCAGCATCAGGTGACTTTTCTGCTAACTAC  
AGTGTCTTGGGCATAGACATAAAAACAACCAAGTAGTTTGTAAAGATCCTGTGGACCACAAGGTTACAGAA  
ATTGAGGTGGGGTGGGGTGGGGAGGGGTAGGGACTAGCCTACCGAAGTCAATTTCTCCCGTGGCCACTA  
GCACACTCTGTTACAGCTATCAGAAAAGACTTCTAGAGCTGGTCTTTAGTATGACAGGGCCGATCTT  
AGGTGGCCCTCAGAGTTGAGAATCATCAGCTGGTGAAGCCTGTTGACAACCCACTGGGAAGTCTTCATTG  
TATAGTACACTTTGTGCAGTTAATTTGTGTCTAATTGCATAGGAGCACCCAGCTCCAGTGTACTGCTA  
GGAAGCTGCCCTGATTGTATACCTCTGGCCAGATTTTATATATTTAACTTTTTGATAAAGCTTTTCTTA  
CTTTAAAAAACAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_133746

**Insert Size:** 972 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).

**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: [BC019197](#), [AAH19197](#)  
RefSeq Size: 1987 bp  
RefSeq ORF: 972 bp  
Locus ID: 72691  
UniProt ID: [Q8VEC4](#)  
Cytogenetics: 19 C3  
Gene Summary: Pore-forming subunit of a voltage-gated ion channel.[UniProtKB/Swiss-Prot Function]