

Product datasheet for **SC322989**

CALHM3 (NM_001129742) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CALHM3 (NM_001129742) Human Untagged Clone
Tag:	Tag Free
Symbol:	CALHM3
Synonyms:	bA225H22.7; FAM26A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322989 representing NM_001129742. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGATAAATTCCGCATGCTCTTCCAGCACTTCCAGTCAAGCTCGGAGTCGGTGATGAATGGCATCTGC
 CTGCTGCTGGCTGCGGTACCGTCAAGCTGTACTCCTCTTTGACTTCAACTGTCCCTGCCTGGTGAC
 TACAATGCACTCTACGGCCTGGGCTGCTGTGACGCCCCGCTCGCCCTGTTTCTGCGGCCTCCTC
 GCCAACCGGCAGTCTGTGGTGATGGTCGAGGAGTGGCGCCGGCCCGCAGGGCACCGGAGGAAGGACCCA
 GGCATCATCAGGTACATGTCTCTGTGCTGCAGAGGGCGCTGGCCGCCCTTGGTCTGGATCCTG
 CTGGCCCTCCTTGACGGGAAGTGCTTCTGTGTGCCTTCAGCAGCTCTGTGGACCCTGAGAAGTTTCTG
 GACTTTGCCAACATGACCCCGAGCAGGTACAGCTCTTCTGGCCAAGGTTCCCTGCAAGGAGGATGAG
 CTGGTCAGGGATAGCCCTGCTCGGAAGGCAGTGTCTCGCTACCTGCGGTGCCTGTACAGGCCATCGGC
 TGGAGCGTCACCCTGCTGCTGATCATCGCGGCCTTCTGGCCCGCTGCCTGAGGCCCTGCTTCGACCAG
 ACAGTCTTCTGCAGCGCAGATACTGGAGCAACTACGTGGACCTGGAGCAGAAGCTTTCGACGAGACC
 TGCTGTGAGCATGCGCGGGAATTCGCGCACCGCTGCGTGTGCACTTCTTTGCCAGCATGCGGAGTGAG
 CTGCAGGCGCGGGGGCTGCGCGGGGCAATGCAGGCAGGAGACTCGAGCTCCCGCAGTGCCTGAGCCC
 CCAGAAGGCCTGGATAGTGGAAGTGGGAAGGCCACCTGCGCGCAATCTCCAGCCGGGAGCAGGTGGAC
 CGCCTCCTAAGCACGTGGTACTCCAGCAAGCCCGCTGGACCTGGCTGCATCCCCGGGCTCTGCGGG
 GGTGGCCTTAGCCACCGCGCCCTACCTTGGCACTGGGCAGGAGCTGTACAACACACCGACGT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001129742


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Insert Size:	1035 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_001129742.1</u>
RefSeq Size:	1699 bp
RefSeq ORF:	1035 bp
Locus ID:	119395
UniProt ID:	<u>Q86XJ0</u>
Cytogenetics:	10q24.33
Protein Families:	Transmembrane
MW:	38.5 kDa
Gene Summary:	Pore-forming subunit of a voltage-gated ion channel.[UniProtKB/Swiss-Prot Function]