

Product datasheet for **SC330554**

CALHM4 (NM_001256889) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CALHM4 (NM_001256889) Human Untagged Clone
Tag: Tag Free
Symbol: CALHM4
Synonyms: C6orf78; FAM26D
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330554 representing NM_001256889.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGCTGGGTTGGATTTTGATCACCTTGGCAACCATTGCTGCCTTAGTCTCCTGCTGTGTGGCAAAGTGC
TGCTCTCCCTCACCTCTCTGCAACATTGCTACTGGACCAGCCACCTCCAGAATGAGAGAGAAGTCTTT
GAACAAGCAGCAGAGCAGCACTCTCGGCTCCTCATGATGCATCGCATAAAGAAGCTATTTGGCTTCATT
CCCGGGAGTGAAGACGTCAAACACATCCGCATTCTTCTTGTGAGGACTGGAAAGATATTTAGTACCC
ACTCTTTTATGCATGGGTGATGACTTGAAGGTCCTATAGCTTCCTTGGAAATAGGGTGGATGAGGAT
AATGAGGAAGACAGATCAAGAGGTATTGAATTAACCTTGA
```

Restriction Sites: SgfI-MluI
ACCN: NM_001256889
Insert Size: 387 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.



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RefSeq: [NM_001256889.1](#)

RefSeq Size: 1275 bp

RefSeq ORF: 387 bp

Locus ID: 221301

UniProt ID: [Q5JW98](#)

Cytogenetics: 6q22.1

Protein Families: Transmembrane

MW: 14.6 kDa

Gene Summary: Pore-forming subunit of a voltage-gated ion channel.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) differs in the 5' UTR, lacks a portion of the 5' coding region and uses a downstream in-frame start codon, compared to variant 1. The encoded isoform (c) is shorter at the N-terminus, compared to isoform a. Both variants 3 and 4 encode isoform c.
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.