

## Product datasheet for **SC330553**

### CALHM4 (NM\_001256888) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CALHM4 (NM_001256888) Human Untagged Clone
Tag:	Tag Free
Symbol:	CALHM4
Synonyms:	C6orf78; FAM26D
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330553 representing NM_001256888. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCCCCAGATCTGCCAAGGAGACCTTCAGGATAAACCCAAATGTAGCAGCAAATTTATCAGCTCCT
TCTGACGTGATCCTAGTAAGAGATGAAATAGCTCTTCTGCACAGATACCAGTCACAGATGCTGGGTTGG
ATTTTGATCACCTTGGCAACCATTGCTGCCTTAGTCTCCTGCTGTGTGGCAAAGTCTGCTCTCCCTC
ACCTCTCTGCAACATTGCTACTGGACCAGCCACCTCCAGAATGAGAGAGAACTCTTTGAACAAGCAGCA
GAGCAGCACTCTCGGCTCCTCATGATGCATCGCATAAAGAAGCTATTTGGCTTCATCCCGGGAGTGAA
GACGTCAAACACATCCGCATTCCTTCTGTGTCAGGACTGAAAAGATATTTTCAGTACCCACTCTTTTATGC
ATGGGTGATGACTTGCAAGGTCATATAGCTTCCTTGAAAATAGGGTGGATGAGGATAATGAGGAAGAC
AGATCAAGAGGTATTGAATTAACCTTGA
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001256888
Insert Size:	513 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).



[View online »](#)

**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\\_001256888.1](#)

**RefSeq Size:** 1397 bp

**RefSeq ORF:** 513 bp

**Locus ID:** 221301

**UniProt ID:** [Q5JW98](#)

**Cytogenetics:** 6q22.1

**Protein Families:** Transmembrane

**MW:** 19.3 kDa

**Gene Summary:** Pore-forming subunit of a voltage-gated ion channel.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region, and uses an alternate start codon, compared to variant 1. The encoded isoform (b) has a distinct and shorter N-terminus, compared to isoform a. 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.