

Product datasheet for **RC223914**

CALHM5 (NM_153711) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CALHM5 (NM_153711) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CALHM5
Synonyms:	C6orf188; dj493F7.3; FAM26E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC223914 representing NM_153711 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGCTTTTCAGGGCATTAAAAATCTTCCTTAATCAGAAAAGTATTGGCTACAGCTTCATGG
CTCTGCTGACCGTGGGAAGTGAGCGTCTTTTTCTGTTGGCTTTAAGTGCCCTGCAGCACTGAGAA
TATGACCTATGGGCTGGTTTTCTCTTTGCTCCTGCCTGGGTGTTACTGATCCTGGGATTCTTTCTGAAC
AATAGGTCGTGGAGACTTTCACAGGCTGCTGTGTGAATCCAGGAAAATCTTTCCAGAGGCCACAGCT
GCCGTTTCTTCTACGTCCTCGCCAGATCACTCTGAGCTCATTGGTGGCTCCAGTGATGTGGCTTTCTGT
GGCTCTGCTCAATGGAATTTCTATGAATGTGCCATGAGCGGGACGAGAAGTTCAGGACTCCTGGAAGT
ATTTGCAAGGTAAGCCAAAGAGTGCTGGGAAGAACTCACAAAAGTATCTTGTGGCAAAACTAGCATGC
TACCTACCGTCAATGAAGAACTGAACTCTCCCTCAGGCCAGTCTCAGATTCTAGGATGGTGCCTGAT
TTGTTACAGCTCTTTCTCTCTGCTCACCACATGTTATGCTCGCTGCCGATCTAAAGTTAGCTACCTT
CAGCTGAGTTTTTGAAGACATATGCACAAAAGGAGAAGGAGCAGTTGAAAAATACATTTCTGGACTATG
CCAACAAGCTGAGCGAGAGGAACCTGAAATGTTTTTTGAAAACAAGAGGCCAGATCCTTTTCCATGCC
TACGTTTGCTGCCTGGGAGGCTGCTTCAGAGCTGCATTCTTCCACCAAAGCCAGCAACTATAGCACC
CTCCACAGAGTGGTGGACAATGGTCTGCAACTTAGCCCTGAGGATGATGAGACGACAATGGTCTTGTGG
GTACTGCCCAATATG

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_153711.5](#)

RefSeq Size: 1777 bp

RefSeq ORF: 930 bp

Locus ID: 254228

UniProt ID: [Q8N5C1](#)

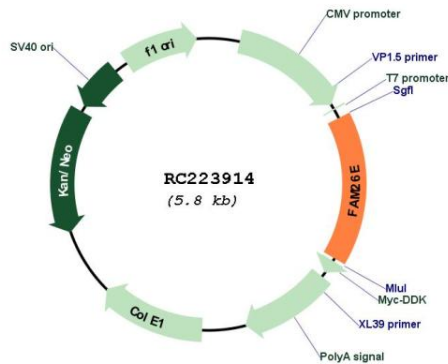
Cytogenetics: 6q22.1

Protein Families: Transmembrane

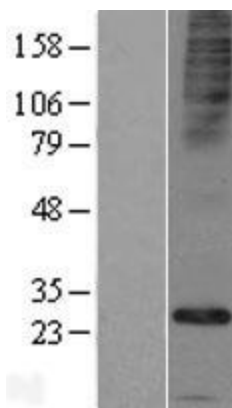
MW: 35 kDa

Gene Summary: Pore-forming subunit of a voltage-gated ion channel.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC223914



Western blot validation of overexpression lysate (Cat# [LY406977]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC223914 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).