

Product datasheet for SC331061

CALHM6 (NM_001276460) Human Untagged Clone

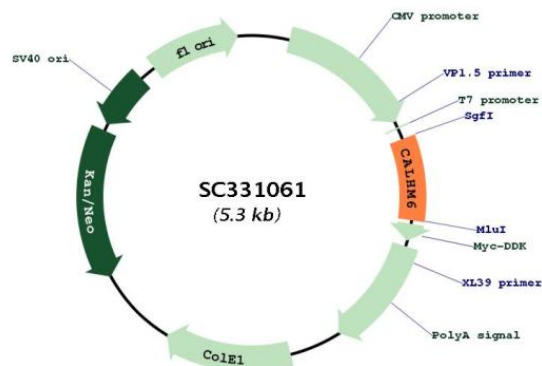
Product data:

Product Type:	Expression Plasmids
Product Name:	CALHM6 (NM_001276460) Human Untagged Clone
Tag:	Tag Free
Symbol:	CALHM6
Synonyms:	C6orf187; dj93H18.5; FAM26F; INAM
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331061 representing NM_001276460. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTTTCCCGTGTGGGCTGGATCTTGATAGCAGTTGTTATCATCATTCTTCTGATTTTTACATCTGTC
ACCCGATGCCTATCTCCAGTTAGTTTTCTGCAGCTGAAATTCTGGAAAATCTATTTGGAACAGGAGCAG
CAGATCCTTAAAAGTAAAGCCACAGAGCATGCAACTGAATTGGCAAAAAGAGAATATTAATGTTTCTTT
GAGGGCTCGCATCCAAAAGAATAAACACTCCAAGCATGAAAGAGTGGCAGCAAATTTCACTACTGTAT
ACTTTCAATCCGAAGGGCCAGTACTACAGCATGTTGCACAAATATGTCAACAGAAAAGAGAAGACTCAC
AGTATCAGGTCTACTGAAGGAGATACGGTGATTCTGTTCTTGGCTTTGTAGATTCATCTGGTATAAAC
AGCACTCTGAGTTATGA

Restriction Sites: SgfI-MluI

Plasmid Map:



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ACCN:	NM_001276460
Insert Size:	432 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:	<ol style="list-style-type: none">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_001276460.1</u>
RefSeq Size:	558 bp
RefSeq ORF:	432 bp
Locus ID:	441168
UniProt ID:	<u>Q5R3K3</u>
Cytogenetics:	6q22.1
Protein Families:	Transmembrane
MW:	16.5 kDa
Gene Summary:	Pore-forming subunit of a voltage-gated ion channel.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an internal exon, which results in an alternate upstream start codon, compared to variant 1. The resulting isoform (2) is shorter and has a distinct N-terminus, compared to isoform 1.