

Product datasheet for **SC306064**

CALML6 (NM_138705) Human Untagged Clone

Product data:

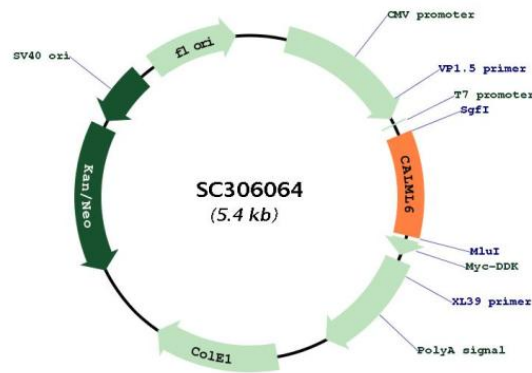
Product Type:	Expression Plasmids
Product Name:	CALML6 (NM_138705) Human Untagged Clone
Tag:	Tag Free
Symbol:	CALML6
Synonyms:	CAGLP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306064 representing NM_138705. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGGTCTTAAACAAGAAATCTCACTGCAGCCCTGGTGTCAACCACCTGCAGAATCCTGTCAGACAACC
ACCGACATGACAGAGCGCCTGTCGGCTGAGCAGATCAAGGAGTACAAGGGAGTCTTTGAGATGTTTCGAC
GAAGAGGGCAACGGGGAGGTGAAGACGGGGGAGCTGGAGTGGCTCATGAGCCTGCTGGGTATCAACCCC
ACCAAGAGTGAGCTGGCCTCAATGGCCAAGGATGTGGACAGAGACAACAAAGGGTTCTTCAACTGCGAT
GGTTTCCTGGCACTAATGGGAGTTTACCATGAGAAGGCCAGAACCAGGAGAGCGAGCTGAGGGCGGCA
TTCCGTGTCTTTGACAAAGAGGGCAAGGGCTACATTGACTGGAACACACTCAAGTACGTGCTAATGAAC
GCAGGGGAGCCCTCAACGAGGTGGAGGCGGAGCAGATGATGAAGGAGGCCGACAAGGATGGGGACAGG
ACCATCGACTATGAGGAGTTTGTGGCCATGATGACGGGGAGTCTTCAAGCTGATCCAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN:	NM_138705
Insert Size:	546 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:	<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_138705.2</u>
RefSeq Size:	1110 bp
RefSeq ORF:	546 bp
Locus ID:	163688
UniProt ID:	<u>Q8TD86</u>
Cytogenetics:	1p36.33
Protein Pathways:	Alzheimer's disease, Calcium signaling pathway, Glioma, GnRH signaling pathway, Insulin signaling pathway, Long-term potentiation, Melanogenesis, Neurotrophin signaling pathway, Olfactory transduction, Oocyte meiosis, Phosphatidylinositol signaling system, Vascular smooth muscle contraction
MW:	20.7 kDa