

Product datasheet for **MC203014**

Calml4 (NM_138304) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Calml4
Synonyms:	2010002G05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC023475
GGAGTAAGGGGAGCCTGAGGATGGCCAAGTTCCTTTCCAGGACCAAATTAATGAGTACAAGGAGTGCTT
CTCCCTGTACGACAAGCAGCAGAGAGGGAAGATCAAGGCCACAGATCTTCTGGTGTCATGAGGTGCCTA
GGGGCCAGCCCCACGCCTGGGGAAGTGACGCGCACCTGCAGACTCATGGGATAGACAAGAACGGAGAGC
TGGACTTCCCCACCTTCTGACCATCATGCATATGCAAATCAAGCAAGAGGACCCAAAGAAAGAAATCCT
TCTGGCCATGCTGATGGCAGACAAGGAGAAGAAAGGTTACATCATGGCGTCTGAGCTGCGGTCGAAACTC
ATGAAACTGGGAGAGAAGCTCACTCACAAGGAAGTGGATGATCTTTTCAAGGAAGCAGGCATTGAACCA
ACGGCCAAGTGAATATGACACGTTTATCCAGAGGATCACCATTCTGTGCGAGACTACTAAGGGAGCCA
AGATCAAGAGAGCAGATGAGAGCCTTCGGGGCCTGAAAACCTAGACTGATTCTTTTGTAAAGGAAGTC
TAGAGATGACACAACCACTGCATGGCATAAGTACCAATAAATGATGTAGCCATGGCATTGGATAACTGTA
ATAAGGTCTGTCTTGATTTCGGTACTAACATTAGTCTAGCCATTTGCAGCATAGTCTAGCCCTATGATTT
GTAGTCAGGGTTGTGTGCCAGTGCTGCCTCTGCAACATCATCCCCTCACCCATTGTACTTCTCAAAGCCT
TTGACCTCATAAGGATGAAGATTGTGACTGAAAATAAATGGTTGGCACTTCAAAGCAAAAAAAAAA AAA

Restriction Sites: RsrII-NotI

ACCN: NM_138304

Insert Size: 462 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC023475</u> , <u>AAH23475</u>
RefSeq Size:	843 bp
RefSeq ORF:	462 bp
Locus ID:	75600
UniProt ID:	<u>Q91WQ9</u>
Cytogenetics:	9 B