

Product datasheet for **SC123704**

CALML4 (BC009516) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	CALML4
Synonyms:	NY-BR-20
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC009516 edited
 GGCTGGAGGAAAGGGAAGTGAACGCGGTTCTGGGAGCAGCAAGCCACGGGTAGCAGCCG
 AGGCCCCAGAAATGAGTACAAGGAATGCTTCTCCCTGTATGACAAGCAGCAGAGGGGGAAG
 ATAAAAGCCACCGACCTCATGGTGGCCATGAGGTGCCTGGGGGCCAGCCGACGCCAGGG
 GAGGTGCAGCGGCACCTGCAGACCCACGGGATAGACGAAATGGAGAGCTGGATTTCTCC
 ACTTTTCTGACCATTATGCACATGCAAATAAAACAAGAAGACCCAAAGAAAGAAATTCTT
 CTAGCCATGTTGATGGTGGACAAGGAGAAGAAAGGTTACGTATGGCGTCCGACCTGCGG
 TCAAAACTCACGAGTCTGGGGGAGAAGCTCACCCACAAGGAAGTGGATGATCTCTTCAGG
 GAAGCAGATATCGAACCAATGGCAAAGTGAAGTATGATGAATTTATCCACAAGATCACC
 CTTCTGGACGGGACTATTGAAGGAGGAGAATGGGAGAGCCTCCCTGGGCCTGAAAAC
 TGGAGCAATTAATTTTTTTTAAAAAGTGTCTTTTCATTGGGAGAGATGGCAAACACAG
 TGGCAAGACAACATTACCCAATATAGAAGAGAGGCTAACTAGCAACAATAATAGATGAT
 TTCAGCCATGGTATGAGTAGATCTTTAATAAAAGATTGTATTGATTTTATAAAAAAA
 AAAAAAAAAA



5' Read Nucleotide Sequence:	>OriGene 5' read for BC009516 unedited <pre> AAAAAACCTCGGGATTTGTAACCGACTTCACCTAGGCGGCACCCATTCCGGCACGAGGGCT GGAGGAAAGGAAGTGAACGCGGTTCTGGGAGCAGCAAGCCACGGGTAGCAGCCGAGGCC CCAGAATGAGTACAAGGAATGCTTCTCCCTGTATGACAAGCAGCAGAGGGGGAAGATAAA AGCCACCGACCTCATGGTGGCCATGAGGTGCCTGGGGGCCAGCCGACGCCAGGGGAGGT GCAGCGGCACCTGCAGACCCACGGGATAGACGGAATGGAGAGCTGGATTTCTCCACTTT TCTGACCATTATGCACATGCAATAAAACAAGAAGACCCAAAGAAAGAAATTCTTCTAGC CATGTTGATGGTGACAAGGAGAAGAAAGTTACGTATGGCGTCCGACCTGCGGTCAA ACTCAGAGTCTGGGGGAGAAGCTCACCCACAAGGAAGTGGATGATCTCTTCAGGGAAGC AGATATCGAACCCAATGGCAAAGTGAAGTATGATGAATTTATCCACAAGATCACCTTCC TGGACGGGACTATTGAAGGAGGAGAATGGGAGAGCCTCCCTGGGCCTGAAAATTGGAG CAATTAATTTTTTTTTAAAAAGTGTTCTTTTCACTTGGGAGAGATGGCAAACACAGTGGCA AGACAACATTACCAACTATAGAAGAGAGGCTAACTAGCAACAATAATAGATGATTTTTCAG CCATGGTATGAGTAGATCTTTTATAAAAGATTTGTATTGATTTTATAAAAAAAAAAAAA AAAAAACTCGACTCTAGATTGCGGCCCGCGTCATAGCTGTTTCTGGACAGATCCCCGGT GGCAT </pre>
Restriction Sites:	Please inquire
ACCN:	BC009516
Insert Size:	740 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>BC009516.2</u>
RefSeq Size:	731 bp
Locus ID:	91860
Cytogenetics:	15q23