

Product datasheet for MC203996

Calb1 (NM_009788) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Calb1 (NM_009788) Mouse Untagged Clone
Tag: Tag Free
Symbol: Calb1
Synonyms: Brain-2; Calb; Calb-1; CB
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC016421
 CCCCTTACCAGCCCTCTCGCCCGAGGTTTCGCGCTCCGCGCACTCTCAAACCTAGCCGCTGCACCACGATGG
 CAGAATCCCACCTGCAGTCATCTCTGATCACAGCCTCACAGTTTTTTGAGATCTGGCTTCATTTTCGACGC
 TGACGGAAGTGGTTACCTGGAAGGAAAGGAGCTGCAGAACTTGATCCAGGAGCTTCTGCAGGCGCGAAAAG
 AAGGCTGGATTGGAGCTATCACCGAAAATGAAATCCTTTGTGGATCAATATGGACAGAGAGATGATGGAA
 AAATAGGAATTGTAGAGTTGGCTCACGCTTACCACAGAAGAGAATTTCTTGCTGCTCTTTTCGATGCCA
 GCAACTGAAGTCTGCGAGGAATTCATGAAGACTTGGAGAAAGTATGATACTGACCACAGCGGCTTCATC
 GAAACCGAGGAACCTAAGAACCTTCTAAAGGACCTACTAGAGAAAGCAAACAAGACTGTGGATGATAACA
 AACTAGCAGAGTACACAGACCTCATGCTGAAACTATTTGATTCAAATAATGACGGAAAGCTGGAAGTAC
 AGAGATGGCCAGGTTACTACCAGTGCAGGAAAATTTCTTCTTAAATCCAGGGAATCAAATGTGTGGG
 AAAGAGTTCAATAAGGCTTTTGAGTTATATGATCAGGATGGCAACGGATACATAGATGAAAATGAGCTGG
 ATGCTTTGCTGAAAGATCTGTGTGAGAAGAACAACAGGAATTGGATATTAACAATATACTACATACAA
 GAAGAACATAATGGCCTTGTCCGATGGAGGGAAGCTGTACCGAACAGACCTTGCTCTTATCTTTCTGCT
 GGAGACAACCTAGAGTTGGTGACCACAACCACTTGCTAGTGATACATTGTATCTAAAACCACTAAGTGTGCG
 CTATAAAGAAGTAGGCTGTATTTCTTTTATATCTGTAATTTCTACTGCATATAGAGAACCTATTCAGGAT
 GTGTGGCACCATTCTTTCTGCTTGTCTACACTGTTTGTAAATGTACAGTTTTTGTAAAGCATATAAATGA
 AAAGAAGAAAGACCATGCTTAGGCCAGTCAGTACAATCAATTTTGAAAAATGAATCTACCATGGTTTTGC
 GTTTATAAATACAGATGAACACTTGGATTTCCCGAAAACTACCATCTCAAACCTCTAGTGTGAGATT
 GTAATGAATATCTGTCATTGAGTAAAAGAATAACTCATGGCAAGCAACTGTTTTTTTAGGCAACC
 ATAGGACTGTCACCCAAAGCACCTCTGTGCTGCTTCTATCTGGCGAAGGATGGGCTTCTGCCTCTGAA
 GCACCAAATATCAACAGTTAATTATGGCTTTATTCTGAAACGATCTCCCTAGAGATTTAGTGTACTGATC
 AGTGACATGTCTACTGCTTAAATATAAACCACACTATTGACTCCAGCTGGCTTGGTAAGGGAAGGTAGCC
 AGATGACACATAACTATGTCTGATTCTATGCCTATATTTCCAAGAAGTCTACTGCCAGAGAGTATGACCA
 TAGCCCATTTTCTAAATATTTTCATGTGTTCCAGATGACAATATTCTAGTAAACTGCTGTTTTATGTC
 ATATTCTGTGTGCTCTCTGATTAACCTCAATGTAAGTAAAAAAGGATGAGTAAAAAAGGATGAGTAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AA

Restriction Sites: RsrII-NotI



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ACCN:	NM_009788
Insert Size:	786 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:	BC016421 , AAH16421
RefSeq Size:	1682 bp
RefSeq ORF:	786 bp
Locus ID:	12307
UniProt ID:	P12658
Cytogenetics:	4 6.66 cM
Gene Summary:	Buffers cytosolic calcium. May stimulate a membrane Ca(2+)-ATPase and a 3',5'-cyclic nucleotide phosphodiesterase.[UniProtKB/Swiss-Prot Function]