

Product datasheet for **MC204293**

Cald1 (NM_145575) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cald1 (NM_145575) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cald1
Synonyms:	4833423D12Rik; AI195384; AV071549; AW536160; C920027118Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019435
 GGGACAGACCCAAGTGTAAACACAAAGGGAAGGCAGGCGCATCTGCTCAGCGCATTTCGGCCACAGATA
 ATATGGCCCGTGTGCTGGCCAGCCCACTCTGACCTCCAGGCGCCAGGTCCCCACCTCAGTCACTCC
 TGCCACAGACCAGCTGCGGACATGCTTAGCGGATCCGGGTCCCAGGGAAGGCGCTGCCTGGCCCACTCTC
 TCAAAATGGCTATCAGAGAAATGATGATGACGAAGAAGAGGCTGCCAGGGAACGGCGCCCGGGCCCGG
 CAGGAAAGGCTGCGGCAGAAGCAAGAGGAAGAATCCTTGGGACAGGTGACAGACCAGGTGGAGGCCCATG
 TCCAGAACAGTGTCCCCGATGAAGAGTCTAAGCCAGCCTCTCAAACACTCAGGTAGAAGTGCAGAGGA
 GGCTGCCTTACTGGAGCGCTGGCTAGACGAGAAGAGAGACGCTCAAAAACGCCTTCAGGAAGCCTTAGAG
 CGTCAGAAGGAGTTTGATCCGACCATAACAGATGGCAGTCTCTCAGGCCAAGCCGAAGAATGCAAATG
 ACTCCGCCGAAAATGAGACAGCAGAGGGGGAAGAAAAAGAGAGAGTCCGCTCAGGACGGTATGAGGTGGA
 AGAAACAGAAGTGGTCATCAAGTCTACCAAGAAGACAGCTATCAGGATGCTGAAGACAAAAAGAAAGAA
 GAAAAGGAAGAGGAGGAGCAAGAGAAGCTGAAGGGAGGGAGCCTTGGCGAAAATCAGATCAAAGATGAGA
 AGATTAAGGACAAAGAGCCCAAGAGAAGTCAAGAGCTTCTGGATAGAAAGAAAGGATTTACAGA
 AGTGAAGGCGCAGAATGGAGAATTCATGACCCACAACTTAAACAAACCGAGAATGCTTTCAGCCCAGC
 CGTTCAGGAGGCCGGCCAGTGGGGACAAGGAAGCTGAAGGTGCCCCACAAGTGAAGGCCGCAAGAGGC
 TGGAGGAGCTGCCCGACGCCCGGGGAGACGGAGAACGAAGAGTTTGAAAACTCAAACAGAAGCAACA
 GGAGGCAGCCTTGGAGCTGGAAGAGCTGAAGAAAAAGAGGGAAGAGAGAAGGAAGTCTGGAGGAAGAG
 GAGCAGAGAAGAAAGCAGGAGGAGGCTGATCGAAAAGCTAGGGAGGAGGAAGAGAAGAGGAGGTTAAGG
 AAGAGATCGAAAGGAGAAGGGCAGAAGCTGCTGAGAAGCGCCAGAAGATGCCAGAGGATGGCCTGTCCGA
 GGACAAGAAGCCGTTCAAGTGTCTCACTCTAAAGGCTCGTCTCTCAAGATAGAGGAACGAGCAGAGTTT
 TTGAATAAATCTGTGCAGAAAAGTGGTGTGAGTCTACTACCAAGCAGCAGTAGTCTCCAAGATTGACA
 GCCGGCTGGAGCAGTACACCAATGCAATCGAGGGAACAAAGGCTTCGAAACCTATGAAGCCAGCAGCATC
 GGATCTCCCTGTCTCTGCCGAGGGCGTCCGCAATATCAAGAGCATGTGGGAGAAGGGGAGCGTGTCTCA
 GCCCCTCTGCCTCAGGAACACCCAATAAGGAAACTGCTGGCCTGAAGGTGGGAGTTTCCAGCCGATTA
 ACGAATGGCTAACTAAATCACCAGATGGCAACAAGTCACTGCTCCCAAGCCTTCTGACTTGAGGCCAGG
 AGATGTATCTGGCAAGCGGAACCTCTGGGAAAAGCAATCTGTGGATAAGGTCACTTCCCCACTAAGGTC
 TGAAACAATCGGAGAAAGAACCCAATGCAAGCCATCTCGCTGGGCCAGCTCAGTTGGAGAGGGCTAATC
 GCTCTGTTTATATTTATGTTTTCCAATATCCCAGTAAATCCATGTATATGCTCACTATATTTAATAACCA
 CAACTAGAGATGTTTCAAGTACTGCCTTTGCAGAGGAGCCTGTTTCTAAAGAAACCATGCTGTG
 AAGTAACTCGTACTGTATGAACAGTGACACCAACCATCGGAAGTCAACAAAAGGAAACTGAGC
 TTAAGATTATCTGAGGAATGTATGCAGTATCTAGGGGCGAAACGACCCCGTAGGCTTTGTTTTGTCTCAG
 TACAGACATCATGTTTCTGCACTTTAGACTAAAGCATGAAAGAAATTATCTAAATAGGCAATCAAACCTC
 TCTGAAAATAATCCACTTTCATATCTGATGTAGGGCAGTAAATGATTGTCTGTTTTAAAAAAGATGATTGT
 TGAGATATTGCTTTTTTCTATGCTGATTCATACCTAAATGGCTGATTACTTTAGCTGACAGTGGTACT
 GACTTTTTTTCAGGTTAGTTGCTTTGTGGATTTCTTTGGTAGTGATAGTACTGAATCACATTTAGATA
 ACCCAACTATGTAATGAATGTGCATACGTGTAACAGACACACTAATGGTAGATTACTCTTTCATGTGCT
 AGACTATTATATTTTATAGTATGTCCTTGTAACTAACTGATATCACAGCTTTTGAAGATTAAGGATCACA
 ATAGTATATTAATATTTTATATTTGCCAACAGAAACATGGAGTTAGGTATAGCTATGTTTTCAATGCCCA
 ATGACTTATAAGAAAAAAGTATTGGAAAAAAGAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_145575

Insert Size: 1593 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.

RefSeq: [BC019435](#), [AAH19435](#)

RefSeq Size: 2631 bp

RefSeq ORF: 1593 bp

Locus ID: 109624

Cytogenetics: 6 15.07 cM