

Product datasheet for **MC200704**

Ncam1 (BC011310) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncam1 (BC011310) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ncam1
Synonyms:	Ncam, CD56, NCAM-1, NCAM-120, NCAM-140, NCAM-180, E-NCAM
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC011310
 AGAACATCCCTCCCAGCCGGCAGTTTACAATGCTGCGAACTAAGGATCTCATCTGGACTTTGTTTTCT
 GGGAACTGCAGTTTCCCTGCAGGTAGATATTGTTCCAGCCAAGGAGAAATCAGCGTTGGAGAGTCCAAA
 TTCTTCTGTGTCAAGTGGCAGGAGATGCCAAAGATAAGGACATCTCCTGGTTCTCCCCAATGGGAGA
 AGCTGAGCCCAAACCAGCAGCGGATCTCAGTGGTGTGGAATGATGACGACTCCTTACCCTACCATCTA
 CAACGCCAACATCGACGATGCCGGCATATACAAGTGTGTGGTACGGCTGAGGACGGCACCCAGTCTGAG
 GCCACTGTCAACGTGAAGATCTTCCAGAAGCTCATGTTCAAGAATGCACCAACCCACAGGAGTTAAGG
 AAGGGGAGGATGCTGTGATTGTCTGTGATGTGGTCAGCTCCCTGCCTCCAACCATCATCTGGAAACAAA
 AGGCCGAGATTTCTATTCTGAAAAAAGACGTCCGGTTCATAGTCCCTGTCCAACAACACTCTGCAGATCAGG
 GGCATCAAGAAAACAGATGAGGGTACTTACCGCTGTGAGGGCAGGATCCTGGCCCGGGGAAATCAACT
 TCAAGGACATTCAGGTCATTGTGAATGTACCACCACTGTCCAGGCCAGACAGAGCATCGTGAATGCCAC
 TGCCAACCTGGGCCAGTCTGTACCCTGGTGTGTGATGCCGATGGCTTCCAGAGCCACCATGAGCTGG
 ACAAAGGATGGGAACCCATAGAGAACGAGGAGGAAGATGACGAGAAGCACATCTTCAGTGTGACAGCT
 CCGAGCTGACCATCAGGAATGTGATAAAAACGACGAGGCCGAATACGTCTGCATCGCAGAGAACAAGGC
 TGCGGAGCAGGATGCCTCCATCCACCTCAAGGTCTTTGCAAAGCCAAAAACACATGTAGAGAATCAG
 ACGGCCATGGAAGTAGAGGAGCAAGTCACTCTGACCTGTGAAGCCTCCGGAGACCCCATCCCTCCATCA
 CCTGGAGAACATCCACCCGGAACATCAGCAGTGAAGAAAAGACTCTGGATGGGCACATGGTGGTTCGCAG
 CCATGCTCGTGTCTCCTTGAACCTGAAGAGCATCCAGTACACAGATGCTGGAGAATACATCTGCACT
 GCCAGAACACCATCGGCCAGGATCCCAGTCCATGTACCTCGAAGTTCAATATGCTCCCAAGCTCCAGG
 GCCCTGTGGTGTGTACACTTGGGAAGGGAACAGGTGAACATCACCTGTGAGGTCTTCGCTACCCAAG
 TGCCACAATCTCCTGGTCCGAGATGGTCAAGTGTGCAAGTCCAACACTACAGCAATATCAAGATCTAC
 AACACCCCATCTGCTAGCTATCTGGAGGTGACCCCTGATTCAGAAAATGACTTTGGAAACTACAACGTGA
 CAGCATGAACCGTATTGGACAGGAGTCTTGGAAATTCATCCTTGTTCAGCAGACACACCGTCTTCTCC
 ATCCATTGACCGGTGGAACCATACTCCAGCACAGCGCAGGTGACGTTTGTGATGAGCCAGAGGCCACAGGG
 GGCGTGCCATTCTCAAGTACAAGGCTGAGTGAAGTTCGCTGGGCGAAGAATCCTGGCATTTCAGTGGT
 ATGATGCCAAAGAAGCCAACATGGAAGGCATTGTACCATCATGGGCTGAAACCTGAGACGAGGTAATC
 GGTACGACTGGCGGCCCTCAACGGCAAGGGGCTGGGCGAGATCAGTGCAGCCACTGAGTTCAAGACACAG
 CCAGTCCGTAAGGCTCTTTGTTCTGATTAGAGGAATAAACCTGGAGCCACAGCCTGGCAGCAATTTCT
 CCCTGTCTCCAATAGATACAGCAAAGACATTTGAAAGATTTGCTCTTGCCATCAATTCATGTCTAGAATT
 CAACAGTCTTGAACCTTGACATGGCAATTTGATAAAGTACAGCCTTTAGTTTAAATTTTTCCCTCA
 AGAAATCTGGTCATACCAACTGCCCTCTCAGTAAAGCCATGTTAGTACAGCACAGTGGGGAACTTGAA
 TTTTTAACAGACCTTCATAAACATTATTTCCAGAAATATGCTTTGAAAATTAGCCTCTTTGCTTAATTG
 TGTATCCAGTAGCTCCATCAACTACAATTTCTGAAAAATGTGTTACAACCCCTTTGGAAATATTTTGCAA
 CCTTGAATGCTCCAGGAAGAGAGAGAGATCCGTGCAAAGGTTGCTCTCCTGTAAAACCCGAGAGTGCTT
 CACGAGATTTGCATAAATGGAGGACTTTTCTGAAGTGAAGATTTGGATTGATGACTGAGGTGCACTTCC
 CCAAAGTGGCCCTCCCCAAGCAGGGGGCACAATCAAGCAAAGTCACTTGGCAATTAACAGTGACTGG
 AAGTCTCCGTGTAATCAAGAAGCACATGATTGACCCTACAGAAAAGGAAATAAAATATAGCCTGATGAA
 GCGCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC011310

Insert Size: 1818 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: [BC011310](#), [AAH11310](#)

RefSeq Size: 2544 bp

RefSeq ORF: 1818 bp

Locus ID: 17967

Cytogenetics: 9 26.83 cM

Gene Summary: This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.[UniProtKB/Swiss-Prot Function]