

Product datasheet for **MC221996**

Ncam2 (NM_001113208) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncam2 (NM_001113208) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ncam2
Synonyms:	Ncam-2; Ocam; RNCAM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221996 representing NM_001113208
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCCTCCTCCTCTCCTTCTACCTGCTCGGGTTGCTTGTGTCAGGAGCGGGCAAGCTCTTCTCAAGTGA
 CAATTTCACTTAGCAAAGTAGAGCTTAGTGTGGGTGAGTCTAAATTCCTCACATGTACAGCCATTGGTGA
 GCCTGAGAGTATCGACTGGTATAACCCCTCAAGGAGAGAAGATCATTTCACGCAGAGGGTTATGCTACAG
 AAGGAGGGTGTCAAGTACGACTCACCCTCTACAATGCAAACATAGAAGATGCAGGGATATATCGCTGTC
 AAGCGACAGATGCCAAAGGACAGACACAAGAAGCTACAGTAGTTTTGGAAATTTACCAAAAACTCACCTT
 CAGAGAAGTGGTGTCCCCTCAAGAGTTCAGCAAGGGGAGGATGCAGAAGTGGTTTGAGAGTGTGAGCAGT
 TCCCCAGCCCCTGCGGTGAGTGGTGTACCACAATGAGGAAGTACCACCATCCCCGACAATCGGTTTG
 CAGTGTCTGCAACAATAATTTGCAGATCCTCAATATCAATAAAAGTGATGAAGGTATATACAGATGTGA
 AGGAAGAGTGGAGGCGAGGGGAGAGATTGACTTCCGGGATATCATTGTTATTGTTAACGTTCCACCAGCA
 ATCATGATGCCCCAGAAGTCCTTCAATGTACAGCAGAGAGAGGAGAAGAGATGACCTTAACATGCAAGG
 CCTCGGGCTCCCCAGATCCAACCATCTCTTGGTTGAGAACGGCAAACTCATTGAAGAAAATGAAAAGTA
 TATTTAAAGGGCAGTAATACAGAGCTCACTGTGAGAACATAATCAATAAAGACGGGGCTCTTATGTC
 TGCAAAGCAACAAACAAGGCAGGAGAAGATCAAAGCAGGCCCTTCTTCAAGTCTTTGTACAGCCTCATA
 TATTACAACCTTAAAAATGAGACAACATCTGAGAATGGTCATGTACACTCGTATGTGAAGCAGAAGGGGA
 GCCTGTTCCAGAAATCACATGAAAAGAGCCATAGATGGAGTGTGTTTCTGAAGGTGATAAGAGTCCG
 GATGGCCGCATCGAAGTTAAAGGGCAGCATGGACGCTTCACTGCACATTAGAGATGTGAAGTTGTGAG
 ATTCGGGGAGATGACTGTGAGGCCGCTAGTCGGATTGGTGGGCACAGAGGAGCATGACCTGGACAT
 CGAATATGCTCCTAAGTTTGTGTTTCAAATCAGACAATGTATTACTCTTGGGAAGGAAATCCAATCAACATA
 AGTTGTGATGTGACAGCAAAACCCACTGCGTCAATCCACTGGAGAAGAGAGAAAAGTCTTACCAGCTA
 AGAATACGACTCATTTAAAACTCACAGTGTAGGAAGAAAGATGATACTCGAGATTGCCCCACATCAGA
 CAATGACTTTGGACGATATAACTGCACAGCTACTAACCCTATAGGCACAAGATTTAGGAATATATTCTT
 GAATTAGCAGATGTCCCCTCTAGTCCCCATGGAGTGAAGATTATAGAGCTGTACAGACCACAGCCAAGA
 TCTCTTTCAATAAACCCGAATCCCATGGAGGTGTGCCTATTCATCACTATCAAGTGGATGTCAAAGAAGT
 GGCATCAGAAACCTGAAAATAGTACGCTCCCATGGAGTTCAAACGATGGTTGTTTTGAGCAGTCTGGAA
 CCAATACGACTTACGAAATTAGGTTGCAGCAGTGAATGGCAAAGGTCAAGGAGACTACAGTAAAATAG
 AAATATCCAGACACTGCCAGTCCGTGAGCCAAGTCCCCCTTCCATACATGGACAGCCAAGCAGTGGCAA
 GAGTTTTAAAATCAGCATCACCAGCAAGATGATGGAGGGGCTCCTATTTTGAATACATTGTAAAATAC
 AGAAGTAAAGACAAGGAAGATCAGTGGCTAGAGAAGAAGGTACAGGGAAATAAAGACCACATTATCTTGG
 AGCATCTGCAGTGGCAAATGGGCTACGAAGTCAAATCACAGCTGCCAACAGACTGGGATATTCTGAGCC
 TACTGTATATGAGTTCAGCATGCCCCAAAACCAACATTATTAAGACACACTTTTTAATGGCCTTGGC
 CTAGGAGCCATCATTGGCCTTGGAGTTGCTGCCCTTTTGTCTAATCCTTGTGGTAACAGACGTGAGTGT
 TCTTCATTCGACAATGTGGTTACTAATGTGCATCACCAGGAGAATGTGCGGGAAAAAGAGTGGCTCCAG
 TGGGAAAAGTAAAGAACTTGAAGAAGGAAAAGCAGCTTACCTGAAAGATGGATCAAAGAACCAGATAGTG
 GAAATGAGAACAGAAGATGAAAGAATCACTAACCATGAAGATGGGAGTCCAGTAAATGAGCCAAATGAAA
 CCACACCCTAACAGAACCTGAAAAATTGCCTTTAAAAGAAGAAAACGGAAGGAAGTTTTAAACGCAGA
 AACTATAGAAATTAAGTGTCCAATGACATCATCCAGTCTAAAGAAGATGACATAAAGGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001113208
Insert Size: 2514 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:	NM_001113208.1 , NP_001106679.1
RefSeq Size:	3590 bp
RefSeq ORF:	2514 bp
Locus ID:	17968
UniProt ID:	O35136
Cytogenetics:	16 45.89 cM
Gene Summary:	May play important roles in selective fasciculation and zone-to-zone projection of the primary olfactory axons.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (a).