

Product datasheet for **RN201856**

Ncam2 (NM_203409) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncam2 (NM_203409) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ncam2
Synonyms:	Ocam; OCAM-GPI
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201856 representing NM_203409
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCTCCTCCTCTCCTTCTACCTGCTCGGGTGTCTGTCAGTAGCGGCAAGCTCTTCTCAAGTGA
 CAATTTCACTTAGCAAAGTAGAGCTTAGTGTGGGTGAATCTAAATTCCTCACATGTACAGCAATTGGCGA
 GCCTGAGAGTATAGACTGGTACAACCTCAAGGAGAGAAGATCATTTCACGCAGAGGGTTATGCTACAG
 AAGGAGGGCGTCAGGTCTCGACTAACCTCTACAATGCCAACATAGAAGATGCAGGAATATATCGCTGTC
 AAGCGACAGATGCCAAAGGGCAGACGCAGGAAGCTACAGTAGTTTTGGAAATTTACCAAAAACCTCACCTT
 CAGAGAAGTGTGTCCCCTCAAGAGTTCAGCAAGGGGAGGATGCAGAAGTGGTTTGAGAGTGTGAGCAGT
 TCCCCCGCCCCTGCGGTGAGTGGCTGTATCACAATGAGGAAGTACCACCATCCCCGACAATCGGTTTG
 CTGTGCTTGCAAACAATAATTTGCAGATCCTCAACATCAATAAAAGTGTGAAGGTATATACAGATGTGA
 AGGAAGAGTGGAGGCCAGGGGAGAGATTGACTTCCGGGACATTATTGTTATTGTAACGTTCCGCCAGCA
 ATCGTGATGCCCAAAAGTCCTTCAATGCCACTGCAGAGAGAGGAGAAGAGATGACCTTAACCTGCAAGG
 CCTCGGGCTCCCCAGATCCCCCATCTCTTGGTTCAGGAATGGCAAACCTCATTGAAGAAAATGAAAAGTA
 TATTTAAAGGGCAGTAATACAGAGCTCACGGTCAGAAACATAATCAATAAAGATGGGGGCTCTTATGTC
 TGCAAAGCCACAATAAGGCAGGGGAAGATCAGAAGCAGGCCCTTCTTCAAGTTTTCGTGACGCCTCATA
 TATTACAACCTCAAGAATGAGACAACGTCTGAAAATGGTCACGTCACACTCATCTGTGAAGCAGAAGGGGA
 GCCTGTTCCAGAAATCACATGGAAAAGAGCCATAGACGGAGTACATTTTCTGAAGGTGACAAGAGCCCA
 GATGGCCGCATCGAAGTTAAAGGGCAGCATGGCCGATCTTCACTGCACATCAGAGATGTGAAGTTGTGAG
 ATTCGGGAAGATGACTGTGAGCCCGAGTAGAATTGGCGGGCACCAGAGAAGCATGCATCTTGACAT
 CGAATATGCTCCTAAGTTTGTGTTTCAAATCAGACAATGTATTACTCTTGGGAAGGAAATCCAATCAATATA
 AGTTGTGATGTGAAGCAATCCACCTGCCTCAATCCACTGGAGAAGAGAGAAAATGGTCTTACCAGCTG
 AAAACACCACTCATTTAAAACTCACAGTGTGGGAAGAAAGATGATACTCGAGATTGCCGTACATCAGA
 CAATGACTTTGGACGATATAACTGCACTGCGACTAACCGCTTAGGCACGAGATCCAGGAGTATATTCTT
 GAGTTAGCAGATGTCCCCTCTAGTCCCCGTGGAGTGAAGATTATAGAGCTGTACAGACCACAGCCAAGA
 TATCTTTCAATAAACCCGAGTCCCATGGAGGTGTGCCATTCACTACTACCAAGTGGATGTCATGGAAGA
 GACATCAGAAACCTGGAAGATAGTACGCTCCCATGGAGTCAAACGACAGTTGTTTTGAGCAGCCTGGAA
 CCAAACTACATATGAAGTCAGGGTGCAGCAGTGAATGGCAAAGGACAAGGAGACTACAGTAAAATAG
 AAATATCCAGACACTGCCAGTTCGTGAGCCAAGTCCCCCTTCCATACATGGACAGCCAAGCAGTGGGAA
 GAGTTTTAAAATCAGCATACCAAGCAAGATGATGGAGGGGCTCCCATTTTGAATACATTGTGAAATAC
 AGAAGTAAAGACAAGGAAGATCAGTGGCTAGAGAAGAAGGTGCAGGGAAATAAAGACCACATTATCTTGG
 AGCATCTGCAGTGGACAATGGGTATGAAGTTCAAATCACAGCTGCCAACAGACTTGGGTATTCTGAGCC
 GACTGTATATGAGTTCAGCATGCCTCCAAGGCCAACATTATTAAGACACACTTTTTAATGGCCTAGGC
 CTCGGAGCCATCATTGGCCTTGGAGTGCCTGCCCTTTGCTAATCCTTGTGGTAACAGATGTCAGCTGCT
 TCTTCATTCGACAATGTGGTGTGTAATGTGCATACCAGAAGAATGTGTGGGAAAAGAGTGGCTCCAG
 TGGAAAAGTAAAGAAGTGAAGAAGGAAAAGCAGCTTACCTGAAAGATGGATCAAAAAGAACCAATAGTG
 GAAATGAGAACAGAGGATGAAAGAATCACTAACCATGAAGACGGGAGTCCAGTAAATGAGCCAAATGAAA
 CCACACCACTAACAGAACCTGAAAAATTGCCTTTAAAAGAAGAAAATGAAAAGAAAGTTTTAAATGCAGA
 AACTATAGAAATTAAGTGTCTAATGACATCATCCAGTCTAAAGAAGATGACATCAAGGCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_203409
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_203409.1 , NP_981954.1
RefSeq Size:	4249 bp
RefSeq ORF:	2514 bp
Locus ID:	288280
Cytogenetics:	11q11
Gene Summary:	may play a role in olfactory neuron growth and organization [RGD, Feb 2006]