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Product datasheet for RN208606

Ncdn (NM_053543) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncdn (NM_053543) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ncdn
Synonyms:	Norbin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>RN208606 representing NM_053543
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGTGTTGTGACCTGGCTGCGGCGGGACAGTTGGGCAAGGCGGGCATCATGGCCTCGGATTGTGAGC
CAGCTCTGAACCAGGCAGAGAGCCGAAACCCCACCCTGGAGCGCTACCTGGGAGCCCTCCGTGAGGCCAA
GAATGACAGCGAGCAGTTTGCAGCCCTGCTGCTAGTAACCAAGGCAGTCAAAGCAGGTGACATTGACGCC
AAAACTCGACGTAGGATCTTTGATGCTGTTGGGTTCACCTTTCCCAACCGACTCCTGACTACTAAGGAGG
CCCCTGATGGCTGCCCTGACCACGTTCTCCGGGCCCTGGGCGTGGCCCTGCTGGCCTGTTTCTGCAGCGA
CCCTGAACTAGCCAGCCATCCCCAGGTCCTGAACAAGATCCCCATCCTTTGCACATTCCTGACAGCCCGA
GGGGATCCTGATGATGCTGCCCGCCGCTCCATGATTGATGACACCTACCAGTGCCTGACAGCTGTTGCAG
GCACACCCCGAGGGCCCCGACACCTCATTGCTGGTGGCACAGTGTCTGCCCTGTGCCAGGCATACCTGGG
GCATGGCTATGGCTTTGACCAGGCCCTGGCACTCCTGGTGGGGCTGCTGGCTGCTGCAGAGACACAGTGC
TGGAAGGAGGCAGAGCCCGACCTGCTGGCTGTGTTGCGAGGCCTCAGCGAGGATTTCCAAAGAGCTGAAG
ATGCCAGCAAGTTTGAGCTCTGCCAGCTGCTGCCCCTTTTCCTGCCCCCAACAACTGTGCCCCCTGAATG
CCACCGGGATCTGCAGGCTGGGCTGGCACGCATCCTAGGAAGCAAGTTGAGCTCCTGGCAGCGCAATCCT
GCACTGAAGCTGGCAGCCCGCCTGGCTCATGCCTGCGGCTCCGACTGGATCCCAGTGGGCAGCTCTGGGA
GCAAGTTTCTGGCCCTCCTGGTGAATCTGGCCTGCGTGGAGGTGCGACTGGCTCTCGAGGAGACAGGCAC
AGAGGTGAAAGAAGACGTGGTAACTGCCTGCTATGCCCTTATGGAGTTGGGGATCCAGGAGTGTACCCGC
TGTGAGCAGTCCCTGCTGAAGGAGCCCCAGAAAGTTCAGCTCGTGAGCATCATGAAAGAGGCCATCGGAG
CTGTCATTCACTACCTGCTGCGGGTGGGGCCAGAGAAGCAGAAAGAGCCCTTTGTGTTTGCCTCTGTACG
GATCCTGGGTGCCTGGCTGGCGGAGGAGACCTCATCCCTGCGTAAGGAGGTGTGCCAACTGCTGCCCTTC
CTTGTCCGATATGCCAAGACACTCTATGAGGAGGCTGAGGAGGCCAGTGACATTTCGCAGCAGGTGGCTA
ACTTGGCCATCTCTCCCACTACACCAGGGCCTGCTTGGCCAGGGGATGCTCTCCGGCTCCTCCTTCCTGG
CTGGTGCCACCTGACTGTTGAAGATGGTCCCCGGGAGATTTTGATCAAGGAAGGAGCCCCCTCACTTCTG
TGCAAGTACTTCCTGCAGCAGTGGGAACTCACATCCCCTGGCCATGATACCTCAGTGCTGCCAGACAGCG
TGGAGATCGGCCTACAGACCTGTTGCCACATCTTCCTCAACCTGGTGGTCACCGCTCCCGGGCTGATCAA
GCGCGACGCCTGCTTCACATCCCTTATGAACACCCTGATGACGTCACTGCCCTCACTAGTGCAGCAGCAA
GGAAGACTGCTTCTAGCTGCCAACGTGGCCACCTTGGGCCTCCTAATGGCCCGGCTCCTTAGCACCTCTC
CAGCTCTCCAAGGAACTCCGGCCTCCCGAGGTTTCTTCGCAGCTGCCATCCTCTTTCTGTCACAGTCCCA
TGTGGCACGGGCCACCCCTGGCTCTGACCAGGCGGTGTTGGCCCTGTCCCCTGACTATGAGGGCATCTGG
GCCGACTTGCAAGAGCTCTGGTTCTTGGGCATGCAGGCCTTCACAGGTTGTGTCCCTCTGTTGCCCTGGC
TGGCCCCTGCCGCCCTGCGTTCCCGCTGGCCACAGGAGCTGCTACAGCTGCTAGGTAGTGTAAGCCCCAA
CTCTGTCAAGCCCGAGATGGTGGCTGCCTACCAGGGCGTGCTCGTGGAATTGGCGCGGGCAAACCGGCTA
TGCCGGGAGGCCATGAGGCTGCAGGCGGGTGAAGAAACAGCCAGCCATTACCGCATGGCTGCTTTGGAGC
AGTGCCTGTCAGAGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053543

Insert Size: 2190 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:	NM_053543.2, NP_445995.2
RefSeq Size:	3662 bp
RefSeq ORF:	2190 bp
Locus ID:	89791
UniProt ID:	O35095
Cytogenetics:	5q36
Gene Summary:	may play an important role in neural plasticity [RGD, Feb 2006]