

Product datasheet for RN217435

Cnbd2 (NM_001177681) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnbd2 (NM_001177681) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cnbd2
Synonyms:	Cnmpd1; LRRGT00127; RGD1311678
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217435 representing NM_001177681 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCAAGGGACTGTACCAGCTCACTGTGCCATCATCTTGATGAGTCGGGTGTGAAGATGTTCCGTC
AAGGCCTCAGGGATTCCGGGAATATCAGATCATTGAGCCTGCTCAAAGAAGCATCCTACCTTCTCCTT
CTGGGATAAAAAGAAGCAAGGCCGATCTCGTTTGACACCCAGGACTTTGCCGAGAGGAGGGTCACTTC
CCTCCGAGGGCCATTTCTATCACACAGAAGAAGCCATCCTGGAGGACAGACGAGGAAATCCAAGACCTCT
GCAATATCCTTCAGGTTCTAGATTGCTACCGCACTACACAGAGTATCTGCAGCTGCTCCTGGCCAAAGT
CATGCGCTTCGAAAGTTTGGTCGCCGGCGTGAATCGTCAAGAAGGGGCAGAGGGGCAATAGCTTTTAT
TTCATCTACCTGGGCACGGTGGCCGTGACCGAGGACGAAGATGGGAGCAGTGCTTTTCTGGACCCTCACC
CAACACTGCTGCACAAGGGTGGCTTCTTCGGGGAATGGGCCCTTCTGAGCACGGCAGTAAGAAGGGCCAC
GGTGGTCTGCATGGAGGAGACAGAGTTCCTGGTGGTCGACAGAGAGGATTTCTTGCAAACAAGCTAGGT
GACGAGTTTCAGAAGGAACTCAGTATCGATACGACTTTTTAGGAAGCTGGATATGTTCCAGTCTTGGT
CTGATGAGAAGCTCTGGCAGCTCGTGGCCTTGGGAGGATAGAGAAGTCCCACATGGAGAGCTGGTGTC
TAAAGACTTGGGAATTCAGCATTTATCACATTTATCTGCAAGAAGAGTAAACTGAGGCACAAGAATATA
GCTGTCTACGGTCATGGAGTGGAGTGGAGGGGCAAGGCTCAACCGAGCTGTCTGACTCCAAAGCCCT
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GCTGGTCCAGGGTGCCCTCTGTTACCGGAGTCGCCAAAGAAGTATGCCACTGACAAGCATGTGGGAAAG
CCACGAGAAGCCTCAAGGGAGGCTGAGAGCCATCCAGTAACAGACGGCCTCCGAGATGCAAAGGGAACA
GTGCGTTCAGCTGCATTCACCAGATCCTGGTGGTCTGGGAGGGTGGACTGGCGAGGAAGGAGGTCACACA
ACTCCAAAGCAGCTGACAACCTGCCGTGAGTATGTTTCCAGCCACAGATGAGGCTTGGCTCTAGTGTCTC
CACTGTGGTAAAAGGAGGTCTGGTTGGACCCCAATGAGACCAACGGAACGCCATGCCAACTCCCGTC
AGCGGGTCAGGAAGCTGACCAAAGATGGGCTGATTATCTGGAAGCCCATGACTGTCCATTCGGGGCTCA
CTGCCAGAAAAGCACCTTGCCCTAGGGAAGGGCAGGCATATGGGCATAGGGAAGAGGAAGGGTACTGCC



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AACGCTCGGATGCCCGAGAAGGGCAACTGTGAAATCCTGCGAATGGTAGACCTGGGGACCTGCCGTACCT
ATTACAGGTGGGTCTGGCAGCAACTGGAGCTGTTGGACCACAAGCCTCTGAGAGTTCATAACAATGAAAT
GTCTCCAAAGGAGAGATTTAAGGAATCCAGATCAAATCATATCCTCTACAAGACTTCACCTACTTAAAA
CTTCTGCGTCTCCAGGAAGCCAGAGAGCAACCCGCAATGACCTCCACAGGAAGATCAACAAAGCAGAAA
ACAGCCTCCCAAGTTGCTGGGCCGAAAGTCAAATCCAGGTATGGTCATTTCAGTCAAATGTTCCATGGT
CCACACCAAGTATGGTGAACCTCCCAAGGAGGCCATAGTGGGGTCTACATGAAGTTCACTTGACAGAG
GAAGGAGATGTGGTGGCAAGCTGGGGGAAGGGAACGAACAAAAATAGTCCCTGTACATTGCCCGACAGT
ACAGTGATAGTGGGAACTGGGAGAGAGCTCAGCTGGCAAGATGTTAGCCACCAGCCTGAGCACCGGGAA
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GCCTTTCTCCAGAAATCCATCGTGATCCTCGGTCTTTCATCCTTCTGAGCTTGGGAACAGAGTTGATTC
GAGTAAGAAAAGAGAAATTTTATGACTTGGTCGATGCGGAGACAAAGGCAAAGATAATGAAGATGGACGT
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GATCTGCTGCGGTTGCTGGTGGAGCCCCTCAAAAAGAAGCCATTCATCCCGATCCAGACCAAGAAGAAAG
AGATCTACAACCCTAAGTCTTTGTTACTGGATCTGTGTAGCCTTGACAAGAAGGTAAGGTTGGGAGGTGA
ACCAAATGGACGCTGGGAATGTATGGCAATTGCCATGGCAACAGGGGACCAGACATCAGAGCTGAGCCTG
ACAGTCAGCAGCATTAAAGCCATCAGCAACTGATCTGCAGTGCAGGGGGCCAAGCCAGCATCTCAGCCC
ACCCACCATCTTCTCTAATGACCCTGCCGATGTCCACATTAAGAGCCCCTCTCCTGTGTCTGTGACAC
GGGCACCTGTCACTCGGATGATACACTTTCACAACTCTTCAGAAGACAACCTTGCTATGAACTAACAGAG
TATACAGAATGTGAAGTCTTCGCCAGCGTTTCCGATTGGCCACAGGCGATTGTGCGCTCCCGGCTTCTC
TTGGATGGAAGGAAGACCCGCGGCCCAACAATCGATCGTTCCTCTCGCCGCTATTCGGGGCCCTCTACC
TTCGTCAGTCCCATCGAGGCCCTGTTCATCCAGTTCGAGCGCTGTTTCAGGGTCCGACCCCTCCCTG
GGATGGCCGAGTGTCTTGGCAGACCCCGCCCTCAGGCCGAGAAGCCCCGAAGGGCCAGCCTTGGCT
GTCAGGTGTTGCCATTCTTCCCGCCATGCCATGCTCGCCGCCACCCGGAGATGTCTCGAAGGCCTAGC
TGGGGCTTCTCCGTGGCCCGACCTGGACAGTAGGGGCCGGTGGAGTAG
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:

SgfI-MluI

ACCN:

NM_001177681

Insert Size:

3129 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001177681.1, NP_001171152.1
RefSeq Size: 3129 bp
RefSeq ORF: 3129 bp
Locus ID: 296311
Cytogenetics: 3q42