

Product datasheet for **MR223147**

Cnbd2 (NM_027585) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnbd2 (NM_027585) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cnbd2
Synonyms:	4921517L17Rik; 5430421B09Rik; Cris
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR223147 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGACCGATCCGCGAATCCGGAAGCCGCCTCTACCAGTCACGTGAAGTTTGATCTGGGAAGTCCG
TAGACATCAGCTCTACTGACACTAAGGATGGCGCACTGCAAGGTCCCCATTGGAGCCGGCGACAAGTC
GGACACGACAGAGTCGAAATCTGAGTCGGGATCGGATTCCAGATCAGAGGAAGACAAAGGAGATCCGGCC
TCGATTAAGGAGATAAAGGCGGAGACACCCCAACCGAAGGACCGTCCTGGCGTGCAGATTAAGCTCAT
GGTCACAGAAGATAAAGAGCTGGACAGCAAAAAGAAAAGAACTGTACCAGCTCGTCATAGACATCAT
CATGATGAACCGAGTGTGAAGATGTTCCGTCAAGGCCTCAGGGGATTCGGGAATATCAGATCATTGAG
CCTGTTACAAGAAGCATCCTGACTTCTCTTCTGGGATAAAAAGAAGCAAGGCCGATCTCGTTTGTTA
CCGAGGACTTTGCTGCACAGGAGGGTCACTTCCCTCCGAGGGCCATTTCTATCACACAGAAGAAGCCATC
CTGGAGGACCCACAGGAGATCCAAGACCTCTGCAATATTCTTCAGGCTCTAGATTGCTACCGCAGCTAC
ACAGAGTCTCTACAGCTGCTCCTGGCCAAGGTCATACGCTTTGAAAGGTTTCGGTCCGCCGGCGCTCATCG
TCAAGAAGGGGCAGATGGCAATAGCTTTTATTTTCATCTACCTGGGCACAGTGGCCATAACTGAGGACGA
GGATGGGAGCAGTGCTTTCTGGACCCTCACCCAACTGCTGCACAGGGGTGGCTCCTTCGGGGAAATG
GGCCTTCAAGCACACAGTAAGGAGTGCCACGGTGGTCTGCATGGAGGAGACAGAGTTCCTGGTGGTGC
ACAGAGAGGATTCGTTGCAAATAAGCTGGGTGACGAAGTTCAGAAGGAACTCAGTATCCGTACAATTT
TTTTAGGAACTTGACATATCCAGTCTTGGTCTGAAGAGAAGCTCTGGAAGCTGGTGGCCTTGGGGAGG
ATAGAGAGGTTCTCATACGGACAGATGGTGTCTAAAGACTTTATGAATTCGGCATTATCACATTTATCT
GCCAGGGCAACTGTGAAATCCTGCGATTGGTAGCCCTGGGCGACTGCAGTGCCTATTACAAGTGGTCTG
GCAGCAACTGGAGCTGCTGGATCACAACCTCTGAGAATTCATGACAATGAAATATCTCCAAGGAGAGA
TTTAAGGAACTCCAGATCAAATCCTATCCTCTGCAGGATTTACGTATTTGAAACTTCTGCGTCTCCAGA
AAGCCAGAGAGCAACAGGGAATAGACTTCCACGGCAAGATCAACAAAGTAGAAAACACTCTCCCAAGTT
GCTGGGCCCAAAGATCAAATCCAGGTACGGTCAATCCAGTCAAATGTTCCATGGTCAACACCAAGTTTGGT
GAACTCCCAAGGAGGCCATAGTGGGGTCTACATGAAGATCCACAAGACAGAGGAAGGAGAGATTGTGG
GCCTTACCAGGCCTTTGTCCCGAAATCCAGCGAGATTGCCGGCCCTTCATCCTTCTGAGCTTGGGATC
AGAGTTGATACAAGTAAGAAAAGAGAAGTTTTATGACATGGTTGACGAGGAGACAAGAGCAAAGATAATA
AAGATGGATGTGGACTATCCCAGCGATGAAGACCTGTGCCAGAGTTTCTGAAGGAAAACGACTATATTG
TCTTTCGGAAGGATTTGCTGCAGTACTGGTGGAGCCCTCAATAAGTCACCATTATCCAGTCCAGAC
CAAGAAGAAAGAGATCTACAACCACAAGTCTTTGTTTCTGGATCTGTGCAGCCTTGAAAAGAAGGTGAAG
CAGCACTATCCCATTTTTCTGGCGCCCCAGAAATACCTGCCCCCTTGAGGGTTGTTCAAGCCATCTCAG
CACCCCGCACAAAATCCAAGAACTCCTGCCTCAATATAAGAATGCAGGGGTCTTATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_027585.2](#), [NP_081861.2](#)

RefSeq Size: 2106 bp

RefSeq ORF: 2022 bp

Locus ID: 70873

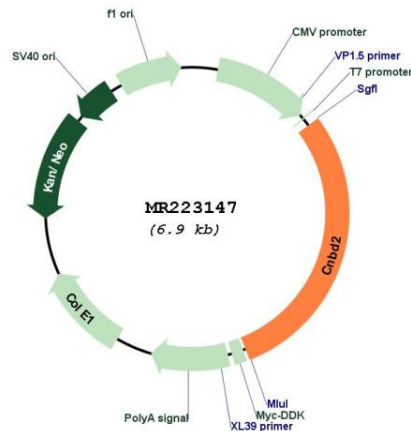
UniProt ID: [Q9D5U8](#)

Cytogenetics: 2

MW: 77.9 kDa

Gene Summary: Essential for male fertility. Plays an important role in spermatogenesis and regulates sperm motility by controlling the development of the flagellar bending of sperm (PubMed:24339785). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223147