

Product datasheet for **RN210167**

Cnmd (NM_030854) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cnmd (NM_030854) Rat Untagged Clone
Tag: Tag Free
Symbol: Cnmd
Synonyms: Chm-1; Lect1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210167 representing NM_030854
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGACAGAGA**ACTCGGACAAAGTTCTATCACCATGGTAGGACCTGAAGACGTTGAGTTTTGCAGTCCCC**
CGGCATATGCCACTGTGACCGTGAAGCCCTCCGGGAGCCCTACACGGCTGCTCAAGGTGGGAGCTGTGGT
TCTCATTCTGGCGCGGTGCTGTGCTCTTCGGGGCCATTGGGGCCTTCTACTTCTGGAAGGGAAATGAC
AATCACATTTACAACGTCCATTACACCATGAGTATCAATGGGAGACTACAAGACGCGTCCATGGAGATAG
ATGCTGCCAACAACTTGAGACCTTTAAATGGGAAGCGGAGCGGAGGAAGCGATTGAAGTTAATGATTT
CCAAAAATGGCATCACTGGGATCCGTTTTGCTGGAGGAGAGAAGTCTACATCAAAGCACAGGTGAAGGCT
CGCATCCCTGAGGTGAGCACTGGGACCAAGCAGAGCATCTCTGAACTGGAAGGCAAGATCATGCCAGTCA
AATATGAAGAGAATTCTCTGATTTGGGTGGCCGTGGACCAGCCTGTAAGGACAACAGCTTCTGAGTTC
TAAATCCTCGAATTCTGTGGCGACCTGCCTATTTCTGGCTTAAGCCCATGTATCCGAAAGAAATCCCA
AGAGAGAGAAGAGAAGTAGTGAGAAGCAGTGTCCCTTACCACAAGGAGACCACACAGCGAACCTCGAG
GCAACGCAGGCCCTGGAAGACTGAGTAACAGAACCAGACCCAGCGTTCCAGGATGACGAAGAACCTTTCAA
CCCTGACAATCCTTACCACCAGCAGGAAGGAGAGAGCATGACCTTTGACCCTAGACTGGATCACGAAGGA
ATCTGCTGTATAGAGTGACAGCGGAGCTACACCACTGCCAGAAGATCTGCGAACCGCTGGGAGGTTACT
ACCCGTGGCCTTATAATTACCAAGGGTGTCTGCTCAGCCTGCAGAGTGGTCATGCCGTGCAGCTGGTGGT
TGCCCGCATCTTGGGCATGGT**TAA**

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_030854



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Insert Size:	1005 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:	<u>NM_030854.1</u> , <u>NP_110481.1</u>
RefSeq Size:	1421 bp
RefSeq ORF:	1005 bp
Locus ID:	81512
UniProt ID:	<u>O70367</u>
Cytogenetics:	15q12
Gene Summary:	human homolog is a cartilage-specific glycoprotein that stimulates growth of chondrocytes and inhibits tube formation of endothelial cells [RGD, Feb 2006]