

Product datasheet for **RN216373**

Cntd1 (NM_001197217) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cntd1 (NM_001197217) Rat Untagged Clone
Tag: Tag Free
Symbol: Cntd1
Synonyms: RGD1564542
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216373 representing NM_001197217
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAAGGACCCTTGAGGCCAAGACTGGTTAACTGCAGTGACTTTCAGTTTGGAGTGGTTGCCACAGAGA
CCATCGAAAATGCTCTGCTTCACTTGGCCAGCAGAATGAGCAAGCAGTGAAGGAGGCTGCCGGACGGTC
AGGCAGCTTCAGGGAGACCCGGATCGTTGAGTTTGTCTTTCTCCTGTCTGAACAATGGTGTCTGGAGAAA
TCGGTGAGCTACCAGGCCGTAGAAATCCTAGAAAGGTTTATGGTGAAGCAGGCAGAGAACATCTGTCAAGC
AAGCCACACTCCAGCTGAGAAGTAACGAGCTGCAGAGCTGGAGGGCTCTGAAAGAGCAGCTCTCCAACAA
GTTTATCCTCCGTCTGGTGTCTGTGTCAGCTGGCCAGCAAAGTGTCTTCCACTACAAAATTGTCAAGC
AACATCACAGTCTCAATTTCTCCAGGCCCTTGGTTATGGATACACCAAAGAAGAGCTGTAGAAATCGG
AGCTTGATATTTGAAGTCCCTGAACTTCCAAATAAATCTGCCACACCGCTGGCATATGTGGAGATGCT
CCTTGAAGTCTAGGGTACAATGGCTGTTTGGTCCCGCCACACAACACTACATGCAACGTGTCTGACCCTC
CTCGACCTGGTCTATCTTCTGCACGAGCCATCTATGAGAGCCTTTGAGAGCTTCAATCGAGAATTCTC
CACCCAGTCAGCTGCAGGGGAAAAGTTTATCTCTGTGAAGGAAGACTTTATGCTGTTGGCAGTTGGCATC
CATTGCAGCGAGCGCTTCAATCCAAAACCATGAATGCTGGAGCCAGGTCATAGGGCATTTCAGAGCATC
ACGGGCATTGCCTCGAAAGCATTGCTGAGTTCTCTTACGCAATCCTGACTCACAGCGTGGGAGCAAACA
CCCCTGGGCAACAGCACCTGTTCACCAAGGCCCGCCAGAGCTCTGAGGACTGCTGCTTCTCTAACAC
ATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001197217



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Insert Size:	984 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:	<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_001197217.1</u> , <u>NP_001184146.1</u>
RefSeq Size:	2501 bp
RefSeq ORF:	984 bp
Locus ID:	498001
Cytogenetics:	10q31