

Product datasheet for **RN217231**

Ccdc175 (NM_001164400) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc175 (NM_001164400) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc175
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217231 representing NM_001164400
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCTATGCGCTCCTGGACCCCGACAGGGTTTGTGACAGAAAGTTGGTGCGGCCAGCCTCGGTCT
 CCACAAGCCTGTCCCTGGAGCTATGCACTTTCCCTCTACCTTGGGCTCCTCGGTAGCGGCAATGCATT
 AGAGCAACTGTTAGTTGTAGAGAAATCTCTGCAAGGTGACTATTTACGTGCAATGAAGAAGTTAAAC
 TTTCTTAAGGACATTACCGTGGCAGTTAAAAACTGGAAGAAATGCGAAAAACACAATAGAGCTTCTGG
 AGATCGAAAGCATGGAGCTGAGCAGGCTCTACTTCTGCTGGAGACTGTGCCAACAGCATGCACAAGGA
 ACTGCAAGAGTGTATCTTGAAGCTCGCAGACTCAATATCTTAGAGATAAGTCAAGTGAAGGAAAGATC
 GAGAAGACGAATGATGAAATAAAGTTTCTAAACGACAAAATAATTGAGCTGAAGAACATGAATGAAGCTC
 TGGGGATAAAGCAAGTGGAGCTGGCGAAGCAGCATGCAAAGTTTGTCTGCTCCTGAACCAAACCTTTGGA
 AGAGAAAGCCGTAGCAACCATTTGCATAAATGACACCTATACCAGAATAAAATTCGAGAAAGAAGAAATA
 GGACTCCAAAAACAATGTCTGCAAGATGCAACTGACTTAATTGAAAAACATAAGCAAGAGCATAGGAAAA
 AGAAAGAACGTTTGGCTGAACGTATTAAGACGTGAAGCAGTCCGTGTGAAGAAAAGAGAAAGAGCGTA
 TAATAAGAGGAAAGAATTGACCAGATTACAAAATAAAATAATAAAATGAAGCAAACAGTTACTACCAAT
 GCAGTGATGATTAATGACAAAAGCTTAGAAATAATGCGGCTACGGGAAACAGCAGACCTTTGGAAGAAAA
 AAGTAGAAGACATGAAGAGGTTTGTGAAAGTTTGGAGGAAAACTGTTGTTTTTCTGACTCACAAAGCA
 ACAGATCGATAGTGATCTTCTGAGAAGAAGAGTGGGTTTCTAATCTCAATACAGCAGGTGGCTGAAAA
 CTACAAAAAATTAATAAAGAGAACAAAGATCTCCGAGATAGACTGAACACGCTCCTCAACAGTATAAGA
 TTACGTTGAAGGAAGGAAGCTATGTCTTTGCGAGACAGAAGATGGCTGAAGAATCATGAAAGACAGAT
 GGAGCTTCTTAATCAGAAAGAAACCTTCTTAACACAAAGAAACTCGACATCAAAAACATGGAAGAAGGA
 TTTTCAACCCCTTCGTGACCTTAATGTAGCAACAAAGGAAGTATATCGAAAACAATAAACTCCTGACTG
 AAAATCTGGAAGAGAACTTCAGAGATGGGTCTGTAATCAGTGGAGACTACTCTGTTGAGAAAAAGACA
 TTCACGTTGGCTACATAAGACAAAGTTGACCTTGAGAAAAATCATAACCGAAATAGAGATTGCAGAAGAA
 AAACGACGTCAATTGCTCAAAGAGACAAAGCGTAGACAGAAGGAGATCAGTCGTTTTGTGAACCAATCG
 AGACAATTAAGGAGCAGTAGAGGTAGAGGAGAAGGAATACATCAAAAAAGAAAAAAGTTAATGAAAGA
 ACTAAACAAGTATGAGGATCTAATCATAAAGGAAGCACAGATTAACAAAGTAAAAGAGGAGCAGCTAGTT
 GAAACCTCCACGGCTTCAGATAGCAGAAGACGACTTCAAGAAAAAGCAGGACACTCAAGTCCCTCC
 AGAATGACATTTAGCAAGAAACAGGAGGAGACTTTGTTGAGCACCTATATTTCCGCTACAGAAAGGA
 CATCATCAGATGCACGAACAACCGGAGACTGTGAAGCGAGACATGAGACATATACGAACCTTGAAAGT
 GAAAAAACCCAAAGCCATTTTGAAGCCCTAAAGAACTTAGAAAATGAAATCTATGTAATGACCAAAAGC
 TGGCCCTTCTCATCCTGGAAAAATAAAATTAAGAGATTATCTTGCTATCTGAAGAAACACACCAAGAA
 ATACTCGGAGAAGCAATAGTAACCGTACAGAACTCAGGTGACCTCTCTTGCAACTGATAGCTCAGCAC
 TCACAGTATTCAGATCTGCTGGCAGAATTTCAAATCAAAATTAAGGAAGTGGTGGACACTGGAGAAGAAA
 CTTTGCAAGAAATTAGGTCTCTGGCATCGAAGCTGCGGTACAGGGATGAGAAGATCGAGTCCATTAGCGC
 CTGGCTCCTTGGGGGAATCGAAAGGCTGCACAGTCTTATGGAAGAGGAGTCACCATCTAGCCTCAGTAAA
 GAGGACCTTCAGAAGGCCGGAATGAAGCAAAAGGAGGAAAAAACACTTCGTTTCTACCGTCCCTGCATA
 CAAGGAGAGACATTAAAGCAGGAAGTCAAAAATGATAAAGAACGATCGAGGAGCCCCAAAAACAGCC
 GTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001164400
Insert Size: 2454 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:	<u>NM_001164400.1, NP_001157872.1</u>
RefSeq Size:	2620 bp
RefSeq ORF:	2454 bp
Locus ID:	500668
UniProt ID:	<u>Q5PQJ9</u>
Cytogenetics:	6q24