

Product datasheet for **RN209585**

Cep295nl (NM_001017481) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep295nl (NM_001017481) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cep295nl
Synonyms:	Ddc8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209585 representing NM_001017481
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGAGAGACACAGAGCGAGCAGCTCAGCTGAGCCCCCTCTCCGAAGATGAAGCCTTGGTTTTGAGGC
 AGAAGCCTTCAGAGACGCAATCCCCAGAGGAGGACACTGTCACTCTGCAGCAGTGGAAAGCACGGCAGCT
 GCAGCGCCTGGCTGAGGAGTTGAAGGCAGAGTGGCAGGAGGCCCGGCTGCAGCAGGTCCGACAAGCCGAA
 CGCCTCTACTTGGCCACCTGTTGGATGAGGCAGCAGAGCGGGCCGTGGGAAGCGACTCTGGCTTGATG
 AACAGAACCAGAGAGGAACACAAAACACAAAGGGCTAAGGAGAGAAACCGAGCAGCCTACAGAGAGGA
 GAAGGGCCGCAGGAGGAGCACTCCAGACATCACCCCAAGTCCCGGAAAAAGGCATCGTGCACGGAGAGA
 CGGACTTCTACCAAAGCCCGTGGCCCAACCCCTGTTGAGAAGGGTAAAGGGAGACGGGTGTCTTCAAGTA
 AGGGCCGTGGTGGATACCAGCCCTTGGGCCCTCGGGTGACCAGAAGGGCAGACATGGGGAAGTTCAACCC
 ATTCTTTGATGGTATTAGAGAACTGAATTCTGGGAAGAAGTACAGAAGGAATTCTTCCGGAGGGGAGG
 CGGCCCTCATCAAAGGGGACTCGACTTGCTCACAACTCAGGGACCAGAGTCTGCAAGGCAAGCAACAG
 TCCTAGAAGAATCCTTGCCCTCGACCACCTTCAAACAAGGGGCTGAAGCCCAGGGGCACCCAAGCAA
 GTACAACAACAGGAATCAGTGGCACAAGAAATTTGAATCTACCTTCGAGGAATTGTTAACACAAATAGG
 AAGCTGAAGAAACATCTGAATTTGCACCTTGAACAGAGGCTCAAGGCAGACCAGAATCCAGATGAGCAAC
 AGAGCTACTCAGAGATTCGGAGTGAGAACTTTGGCACCCTGAGAGAGGAGGAGAAACGGAGGAGCCAGA
 AACCACCAAGGAGTCTGAGAGCCCAACAGAGGTGGAGACTTCTGAGATGTGGTCCAAAGCCAATCTGAAA
 CAGATACTGAGTGACACGGAGTACCCAGGTACCAACAATGGCAAAGTGCCATTAAAGAATGAAAGCC
 TAGTGCTGTTAAGGCAGGAACATCTAGAGAACAAGACGACTTGTCTCACTCAGTCCAGAGTCGGTACA
 GGAGACACCCACATCACCTGTGGTGAGGACGATAGTCTCAAGCCTTACCTGCAGAAACAGGCAGACTCT
 GTATCAAGCTGGATGGCTTTGAGGCAAAAGCAGAAGGCAGAGTTGGAGCAGAGAAGGCAAAAGACACTTT
 TGGAGCTGACAGAACACCCCAACATGAGCTTGGAGATCCATTACAAGGCTGAGCTGGAGGAAGAACGCAG
 GGAGCGTAGACGGATGCGTTTGGCTCTCCTTAAATCGTATCCACAGGGGTCCAGGCCCGCCTGTTGAA
 CGAAATATTCTCTGGACAACGGTCTTCTCGATGAGGACAAACAGAACAGATGATCCGTGACCTTCAAC
 AGCAGATCTTAGAGCAAAACAAGATACACCAGGAGTTTTTGGAAAAAGCCAGGAAACGCTTGCAAGAGTT
 TCAGAAAAACATTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001017481

Insert Size: 1626 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:

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_001017481.1, NP_001017481.1

RefSeq Size: 1809 bp

RefSeq ORF: 1626 bp

Locus ID: 498028

Cytogenetics: 10q32.3