

Product datasheet for **RN209477**

Cep85 (NM_001080151) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep85 (NM_001080151) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cep85
Synonyms:	Ccdc21; RGD1311520
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209477 representing NM_001080151
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCATGCAAGAAAAATACCCAAGTGATAGGTCTCCTCACACTGCTTCACCGGTTCCAATGTGATTC
 AAAAAGGCAGTTCTCTGGGAACCGAATGGCAGACACCAAGTTATCTCAGAGGCTTTTCGGAGCCGCTTCAG
 CCGCTGCTCAAGCATAGCTGACAGTGGGACACAGCCATTGGAACATCATGCTCAGACATTGCAGAGGAT
 TTTTGAGCTCAAGTGGCAGCCCTTCTTCCAGCCAATCAAAGCCACATAACCATTCCAACAGCCCATG
 TGATGCCTTCCACTTTGGGGGCTCTCCTGCCAAACCAAGCCCTACTCCTCCGGGCTTCTTCTGCTAA
 ACTCCCTTTGTCAGGATTGACTGAAGGTGTGGGGATGACCAGAAATGGAGACTTCGGTGCAGTGAAGCGT
 TCTCCGGGCTCTCAAGAGATTTTATGTACCTCCCTAGTGTCTGGAGAAAATGGGATTACGAGTCTCT
 GGTTCAGCAGTGGCCATGAAAGAGAGGGGAGATGAGGAAGTTTGATGTTTCCAGTATGGAGTCTAC
 CCTTAACCAGCCAGCCATGCTAGAGACATTATATTCAGATCCACATTACCGAGCCATTTCCCAACCCCG
 AGACCGGATACCAATAAGGATGCATACAAAGTGTTGCCGGAGTCCAAGAAGGCACCGGAGTGGTGCAG
 TATTTGAGCGGAATGGACCACATGCTAGCAACAGTGGGGTGCTCCCTTTGGGACTCCAGCCTGCTCCTGG
 GCTTTCCAAGTCACTATCCTCTCAGGTTTGGCAACCAAGTCCCGACCTTGGCATCCTGGAGAACAATCC
 TGTGAACCTCAGTACTTGTGACAGCAGTTGGAATTGATTTCGGTTACAGATGGAACAAATGCAGCTTCAAA
 ATGGAGCAATCTGTCACCATCCTGCTGCTTCTACTCCATCACTGCCACCTTAGAGCCAGCAGTGGAT
 CAGCATCTTGAACAGTAATGAACATCTCTGAAGGAGAAGGAGCTTCTCATTGACAAGCAGAGGAAACAT
 ATCTCTCAGCTGGAGCAGAAAGTGCAGAGAGTGAAGTGAAGTCCACAGTGCACCTTTTGGGCCGCCCTG
 CCCCTTTGGGGATGTCTGCTTGTGAGGCTACAGGAGTTGCAGCGAGAGAACTTTCTTACGGGCACA
 GTTTGCACAGAAGACAGAAGCCTTGAGCAAGAGAAGATGGAGCTTGAAAAGAACTGTCTGCTTCAGAA
 GTTGAAATTCAGCTCATCAGGGAGTCTCTCAAAGTGACACTGCAGAAGCATTGGAAGAGGGGAAGAAGC
 AGGAGGAAAGGGTTAAAGGTCTGATAAACATATCAATAATTTGAAAAGAAATGTGAGAAGGAATCAGA
 GCAGAACCGGGAGAAGCAGCAGCGGATTGAAACCTTGGAGCGCTATCTGCTGACCTGCCACCTAGAA
 GACCATCAGAAACAGACGGAGCAGCTTAAGGACGCTGAATTGAAGAACACAGAACTGCAAGGAGAGTGG
 CAGAGCTGGAGACTATGCTGGAGGACACACAGGCCGCTGCAGGGAGAAGGAGGTTACAGTGGAAAGTCT
 GAGACAAAGAGAAGCGCAATTCTCTCTGCTAGACATAGCTTTCAAGATAAACAGTCTTTGGAGGAAGCC
 AGTGGTGAAGCCTCAAAGTGGAAATGGAATCCCAGCAGAAGGAATGTGATTCCCTCCGAAAGGTGACTG
 GGGTTTCTGAGTCTGGCCTGGGTAGGTTGGGAGGGAAGAAGAGATTGTACAATGGGAAGGAAGCAGGAGT
 TCCTAGTCTTAAGCCACCCAGGGTCTGCTCACCAGAGCTTTTCTCTCTTCTGAGAAGTACGCTTGTGTA
 GTAAATTTACATTTAGATATTAGTCTTATCGAAGGCAGATTGCTTATCAAGAATGTACAAAAAGTTAG
 TGGCAACATGCCCATCAAATGAACCGGATCTGGTGCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001080151

Insert Size: 2001 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_001080151.1, NP_001073620.1

RefSeq Size: 4514 bp

RefSeq ORF: 2001 bp

Locus ID: 362622

Cytogenetics: 5q36