

Product datasheet for **RR209477**

Cep85 (NM_001080151) Rat Tagged ORF Clone

Product data:

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



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**ORF Nucleotide
Sequence:**

>RR209477 representing NM_001080151
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCCATGCAAGAAAAATACCCAAGTGATAGGTCTCCTCACACTGCTTCACCGGTTCCAATGTGATTC
 AAAAAGGCAGTTCTCTGGGAACCGAATGGCAGACACCAAGTTATCTCAGAGGCTTTTCGGAGCCGCTTCAG
 CCGCTGCTCAAGCATAGCTGACAGTGGGACACAGCCATTGGAACATCATGCTCAGACATTGCAGAGGAT
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 TGATGCCTTCCACTTTGGGGCCTCTCCTGCCAAACCAAGCCCTACTCCTCCGGGCCTTCTTCTGCTAA
 ACTCCCTTTGTCAGGATTGACTGAAGGTGTGGGGATGACCAGAAATGGAGACTTCGGTGCCTGAAGCGT
 TCTCCGGCCTCTCAAGAGATTTTATGTACCTCCCTAGTGCTGCTGGAGAAAATGGGATTACGAGTCTCT
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 GTAAATTTACATTTAGATATTAGTCTTATCGAAGGCAGATTGCTTATCAAGAATGTACAAAAAGTTAG
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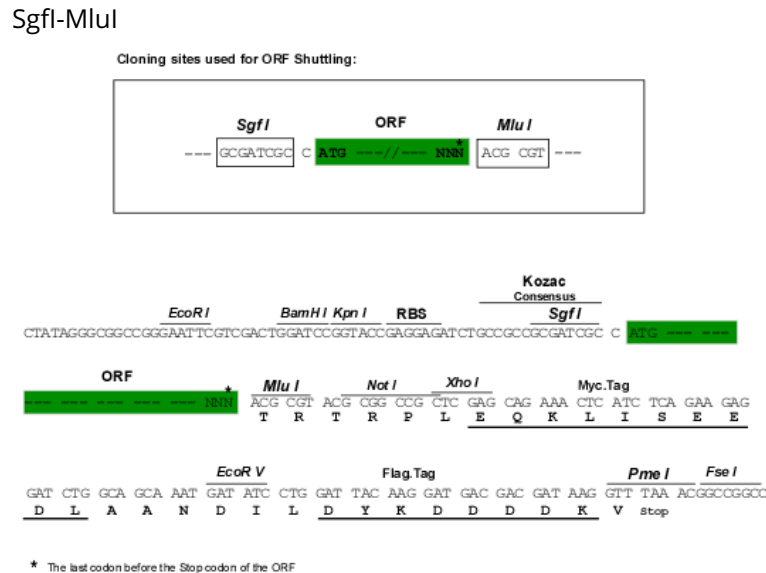
Protein Sequence: >RR209477 representing NM_001080151
 Red=Cloning site Green=Tags(s)

MAMQEKYPSDRSPHTASPGSNVIQKGSSSLGTEWQTPVISEAFRSRFSRCSSIADSGDTAIGTSCSDIAED
 FCSSSSGSPSFQPIKSHITIPTAHVMPSTLGASPAKPSPTSPGPSSAKLPLSGLTEGVGMTRNGDFGAVKR
 SPGLSRDFMYLPSAAGENGIQQSWFPAVGHEREGEMRKFDVSSMESTLNQFAMLETLYSDPHYRAHFPTP
 RPDNTNKDAYKVLPEKKAPGSGAVFERNGPHASNSGVLPLGLQPAPGLSKSLSSQVWQSPDPWHPGEQS
 CELSTCRQQLLEIRLQMEQMLQNGAICHHPAAFTPSLPTLEPAQWISILNSNEHLLKEKELLIDKQRKH
 ISQLEQKVRESELQVHSALLGRPAPFGDVCLLRLQELQRENTFLRAQFAQKTEALSKEKMELEKKLSASE
 VEIQLIRESLKVTLQKHSEEGKKQEERVKGRDKHINNKKKCQKESEQNREKQQRIETLERYLADLPTLE
 DHQKQTEQLKDAELKNTLQGRVAELETMLEDTQAACREKEVQLESLRQREAFSSARHSFQDKQSLEEA
 SGESLKVEMESQQKECDLRLKVTGVSESLGRLGGKKRLYNGKEAGVPSLKPVRVCSPELFSLLRSQPCV
 VNLHLDIQSYRRQIAYQECTQKLVAATCPSPNEPDLVH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Cloning Scheme:



ACCN: NM_001080151

ORF Size: 1998 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

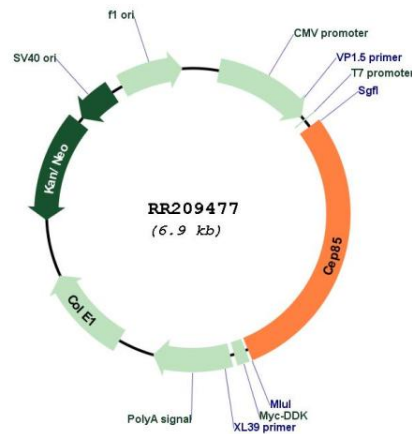
RefSeq ORF: 2001 bp

Locus ID: 362622

Cytogenetics: 5q36

MW: 74.1 kDa

Product images:



Circular map for RR209477