

Product datasheet for **MR206891**

Ccdc85a (BC066065) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc85a (BC066065) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc85a
Synonyms:	RP23-398G11.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR206891 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTAAGGCGGCTGGAGGCTCAGCGCCAGCGCGGAAAGTTGCCCTCGGCTCCGGCCGGTGCCTCGA
 CACCCACGGGCGTGGATGATCTATCTAAAGTGACGGACGAAGAGCTGCTGCAAGTGGAGCAAGGAGGAGCT
 GATCCGCAGCCTGCGGCGAGCCGAAGCCGAGAAGGTGAGCGCGATGCTGGACCACAGCAACCTCATTTCGC
 GAGGTCAACCGCCGCTGCAGCTGCATCTCGGCGAGATCCGAGGGCTCAAGGATATTAACAGAACTCC
 AGGAAGACAACCAGGAAGTGGGACCTATGCTGTTTCTGGATGATGACCGGCAGAAAGGCAAAAGGGT
 GTCCCGGAGTGGCAAAGATTGGGTCGCTACACAGCTGGAGTATGCACAAGGAAGTGGCCTTATACTTG
 CAGAAGCTGAAGGAGCTGGAGGTGAAGCAGGAGGAGTGGTGAAGGAGAACATGGAACCTAAGGAAGTCT
 GCATGTTGCTGGACGAGGAGAAGGGCGTAGGATGTCCCGCAGCAGCACCTCTAGCACTGGCAGTACTGA
 TAGTCCTGACCACCACAAACACCATGCCAGTGGGGGAAGCCCTGAACATTTACAGAAGCCCCGGAGCGAG
 GGACAGCCAGAGCACACCAACACAGGAGCACTAGCCCTGAACATCTACACAAACCCAGGGCTTCTGGGA
 CCCCAGATCACTCCAAAGCACTGAAAGGACCCAGCCCTGAGCACCACAAGCCCTTGTGCAAGGGCAGCCC
 CGAGCAGCAGAGGCCACCCACATCCAGGGAGCAGCCAGAAGTGTGCCAAGCACGTGTTGAGTGGGAGC
 CCTGAACATTTCCAGAAGCATAGGCCAGGAGGCAGCCCGAACACACCAGGCACAGTGGAGGGAGCCCTG
 AGCATCTTCAGAAACATGCCCTTGGTGGGAGCCTGGAGCACCTCCCAGAGCCAGGGGAACAAGCCAGAG
 GCATCTCAAAACATTACGGGGCCAGCCCTGATCACAAACATGCAAGTGGCAGTGGAGGCAGCGGGGG
 GGCAGCAGGGAAGGCACCCTCCGGCGCCTGCTCAAGAGGATTCATCATCCATCACCGGAATGTCTACA
 CGGCATGAATGAATCAACCTTGTCTATGTTAGGCAGCTGGAGGCCAGAGTCAGACAGCTGGAAGAAGA
 AAATCGCATGCTGCCCCAGGTTGTGGAGGAACTTGGAGATGCTGCAGGCTCCTGTCTGGAATTAGG
 CAACATTTGTCAGGAAACAGTACAAAGGCCTATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206891 protein sequence
 Red=Cloning site Green=Tags(s)

MSKAAGGSAPAAESCPSAPAGASTPTGVDDL SKVTDEELLQWSKEELIRSLRRAEAEKVSAMLDHNSLIR
 EVNRRQLHLGEIRGLKDINQKLQEDNQELRDLCCFLDDDRQKGRVSRWQRLGRYTAGVMHKEVALYL
 QKLKELEVKQEEVVKENMELKELCMLLDEEKGVGCAGSSTSSTGSDSPDHHKHHASGGSPHLQKPRSE
 GSPEHTKHRSTSPEHLHKPRASGTPDHSKALKGPSPEHHKPLCKGSPEQQRHPHPGSSPEVLPKHVLSGS
 PEHFQKHRPGGSPHTRHSGGSPHLQKHALGGSLEHLPRARGTSPEHLKQHYGASPDHKHASGSGGSGG
 GSREGTLRRPAQEDSSSHRNVYSGMNESTLSYVRQLEARVRQLEENRMLPQVVWRKLGDAAGSFCGIR
 QHLSGNQYKGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: BC066065

ORF Size: 1296 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: [BC066065](#), [AAH66065](#)
RefSeq Size: 3364 bp

RefSeq ORF: 1298 bp

Locus ID: 216613

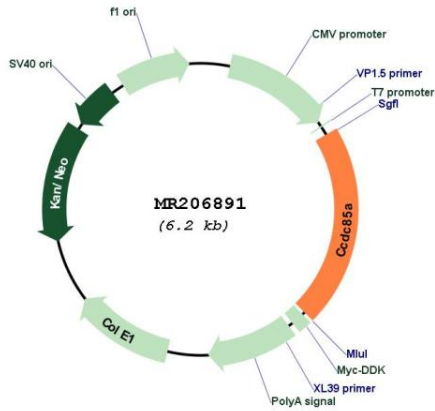
Cytogenetics: 11 A3.3

MW: 47.5 kDa

Gene Summary:

May play a role in cell-cell adhesion and epithelium development through its interaction with proteins of the beta-catenin family.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206891