

Product datasheet for MR218511

Ccdc85a (NM_001166662) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc85a (NM_001166662) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc85a
Synonyms:	E030025D05Rik; RP23-398G11.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR218511 representing NM_001166662 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTAAGGCGGCTGGAGGCTCAGCGCCAGCGGCGAAAGTTGTCCCTCGGCTCCGGCCGGTGCCTCGA
CACCCACGGGCGTGGATGATCTAATAAGTGACGGACGAAGAGCTGCTGCAGTGGAGCAAGGAGGAGCT
GATCCGCAGCCTGCGGCGAGCCGAAGCCGAGAAGGTGAGCGCGATGCTGGACCACAGCAACCTCATTCCG
GAGGTCAACCGCCGCTGCAGCTGCATCTCGGCGAGATCCGAGGGCTCAAGGATATTAACCGAAACTCC
AGGAAGACAACCGAAGTGAAGGACCTATGCTGTTTCCTGGATGATGACCGGCAGAAAGGCAAAAGGGT
GTCCCGGAGTGGCAAAGATTGGGTGCTACACAGCTGGAGTGTGCACAAGGAAGTGGCCTTATACTTG
CAGAAGCTGAAGGAGCTGGAGGTGAAGCAGGAGGAGGTGGTGAAGGAGAACATGGAACCTAAGGAACCT
GCATGTTGCTGGACGAGGAGAAGGGCGTAGGATGTGCCGGCAGCCGCTGCTCCATCGATAGCCAGGCCAG
CCTGTGCCAGCTGGTTGCCTCCGCTACCCCTATGTGCGAGATGTGGGTGATGGCAGCAGCACCTTAGC
ACTGGCAGTACTGATAGTCTGACCACCACAAACCATGCCAGTGGGGGAAGCCCTGAACATTTACAGA
AGCCCCGAGCGAGGGCAGCCAGAGCACACCAAAACACAGGAGCACTAGCCCTGAACATCTACACAAACC
CAGGGCTTCTGGGACCCAGATCACTCCAAAGCACTGAAAGGACCCAGCCCTGAGCACCACAAGCCCTTG
TGCAAGGGCAGCCCCGAGCAGCAGAGGCCACCCACATCCAGGGAGCAGCCAGAAGTGTGCCCAAGCAGC
TGTTGAGTGGGAGCCCTGAACATTTCCAGAAGCATAGGCCAGGAGCAGCCGGAACACACACAGGCACAG
TGGAGGGAGCCCTGAGCATCTTCAGAAACATGCCCTTGGTGGGAGCCTGGAGCACCTCCCCAGAGCCAGG
GGAACAAGCCAGAGCATCTCAAACAACATTACGGGGCCAGCCCTGATCACAACATGCAAGTGGCAGTG
GAGGCAGCGGGGGGAGCAGGGAAGGCACCCCTCCGGCGCCTGCTCAAGAGGATTTCATCATCCCATCA
CCGGAATGTCTACAGCGCATGAATGGTGGTCAATATGCTGGGAGCTGCTTTGGCTTGGCAACTCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR218511 representing NM_001166662
 Red=Cloning site Green=Tags(s)

MSKAAGGSAPAAESCPSAPAGASTPTGVDDL SKVTDEELLQWSKEELIRSLRRAEAEKVSAMLDHSNLIR
 EVNRRQLHLGEIRGLKIDINQKLQEDNQELRDLCCFLDDDRQKGRKRSREWQRLGRYTAGVMHKEVALYL
 QKLKLEVKQEEVVKENMELKELCMLLDEEKGVGCAGSRCIDSQASLCQLVASATPYVRDVGDSSTSS
 TGSTDSPDHHKHHASGGSPPEHLQKPRSEGSPEHTKHRST SPEHLHKPRASGTPDHSKALKGSPPEHKKPL
 CKGSPEQQRHPHPGSSPEVLPKHVLSGSPEHFQKHRPGGSPETHRHSGGSPEHLQKHALGGSLEHLPRAR
 GTSPEHLKQHYGASPDHKKHASGGSGGSGGSREGTLRRPAQEDSSSHRNVYSGMNGGSVYAGSCFGLATQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001166662

ORF Size: 1260 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_001166662.1, NP_001160134.1

RefSeq Size: 3164 bp

RefSeq ORF: 1263 bp

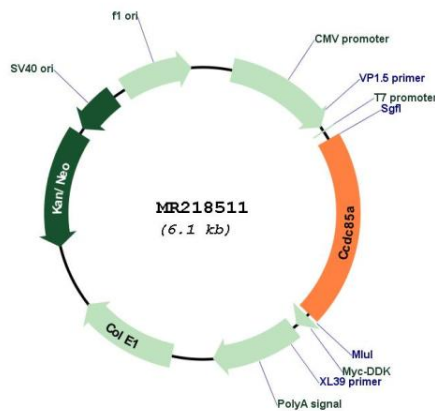
Locus ID: 216613

Cytogenetics: 11 A3.3

MW: 46 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 MR218511