

Product datasheet for **RR206745**

Cuedc1 (NM_001013971) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cuedc1 (NM_001013971) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cuedc1
Synonyms:	RGD1304861
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR206745 representing NM_001013971 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCAGCCTGTTTCGCAGGAGCAGCAGCGGCAGCGCGGTGGCGGGGCCACGGGGCTCGCGGGCCG
GGACCGGGACTGGGGATGGCAGCGCGGCCCTCAGGAGCTCAACAACAGCCGGCCCGCCAGGTGCG
CCGCTGGAGTTCAACCAGGCCATGGACGACTTCAAGACGATGTTTCTAACATGGACTACGACATCATT
GAGTGCCTGCTGCGTGCCAACAGCGCGCGGTGGATGCCACCATAGACCAGCTGTTACAGATGAACCTGG
AGCGGGTGGTGTGACGCGCTACGAGGACAGCTCGGACTCGGAGGACAGCATCCCACCAGAGATCTTGA
AAGGACTCTGGAGCCGATAGCTCTGAGGAAGAGCCCCCGCTGTGTATTCGCCGCCAGCATACCACATG
CACGTGTTTCGACCGCCTTACCTGACTGCTCCTCCAACCTCCACCTCCCCGGATTGATGTCCTGGGCTCTG
GACAACCTGCAAGCCAGAGTCGCTACAGAACTGGAACCCACCCTTGTGGCAACCTCCCAGATGACTT
TCTCCGAATCCTGCCAGCAGATGGACAGCATTCAAGGTCAACCTGGGGCTCCAAGCCTATGAGTGGA
GAGGGAGTCCCACCTGTGGCACCAGGGCCATGGCCTGCGACCAGGACAGCCGCTGGAAACAGTACCTGG
AAGATGAGAGAATCGCTCTTCTGAGAATGAGGAGTTCATGAAGGAGCTGCAGCGGAATCGGGACTT
CCTCCTCGCCCTGGAGAGAGACCATTGAAATATGAATCCAGAAATCCAATCCAGCAATGTGGCCGTT
GGAAGTGACGTTGGCTTCCCTCCTGTCCCAGGAATCAATGATACCAACCCACTGTGTCAGAAGAGC
CCTTATTCAGGGACAAGTTGAAACACATGGGAAAATCCACGCGCAGGAAGCTGTTTGAACCTCGCCGAGC
CTTCTCGAGAAGACAAAATGAGGAAGTCAAAGAAGAAACATTTACCGAAGCTTCAGTCGCTGGGGCT
GCTGCATCCAGGCCAACCTCCTGGATGACGTGGAGGGCCATGCTTATGAGGAAGACTTCCGGGAAGGC
GGCAGGAGGACCTAAGGTGGAAGAGACCTAAGAGAAGGACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206745 representing NM_001013971
 Red=Cloning site Green=Tags(s)

MTSLFRRSSSGSGGGGATGARGAGTGTGDGSAAPQELNNSRPARQVRRLEFNQAMDDFKTMFPNMDYDII
 ECVLRANSNAVAVDIDQLLQMNLEAGGVSAVEDSSDSIPPEILERTLEPDSSEEEPPPVYSPPAYHM
 HVFDRPYLTAPPTPPRIDVLGSGQPASQSRYNWNPPLLGNLPDDFLRILPQQMDSIQGHPGGSKPMMSG
 EGVPPVAPGPMACDQDSRWKQYLEDERIALFLQNEEFMKELQRNRDFFLLALERDRLKYESQKSKSSNVAV
 GSDVGFPPSSVPGINDTNPVSEDALFRDKLKHMKGKSTRRKL FELARAFSEKTKMRKSKKKHL PKLQSLGA
 AASTANLLDDVEGHAYEEDFRGRRQEEPKEETLREGQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001013971

ORF Size: 1164 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_001013971.1, NP_001013993.1

RefSeq Size: 1875 bp

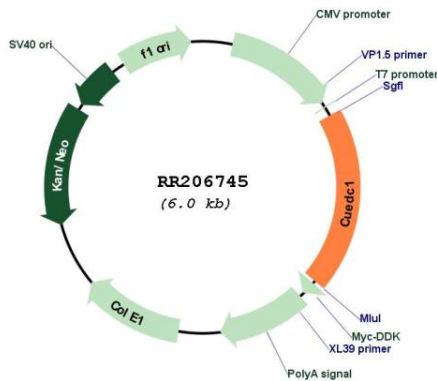
RefSeq ORF: 1167 bp

Locus ID: 303419

Cytogenetics: 10q26

MW: 42.9 kDa

Product images:



Circular map for RR206745