

Product datasheet for **RR212355**

Cuedc2 (NM_001079886) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cuedc2 (NM_001079886) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cuedc2
Synonyms: MGC156734
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212355 representing NM_001079886
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGTTGGAGAGGATCGTCAGTTCAGCCCTCTTGCCTTCGTTTCAGACACACCTCCAGAGGCAGACC
TCAGTGGCTTGGATGAGGTCATCTTCTCCTATGTGCTTGGGGTCTGGAGACCTGGGCCCTCAGGGCC
ATCAGAGGAGAACTTTGATATGGAGGCTTTCATTGAGATGATGGAGGCTTATGTGCTGGCTTTGCCAC
ATCCACAGGGGTATAATAGAAGACATGGTGCAGACGCTCTCGGTGCAGCTGAGCAGTGCTAGGAACAAAG
AGACCTGAGGGCAGCTGAAAAGCTCAAGGAAGAGAGCAGGCCTCCTGCTGCTACTGGGAACACCCAAGA
TGAGGCAGCTGCTGCTGAGGAAGAAGAGCCAGGAGTAGACGTAAGTCTTGGAGGTGTTCCCTACCTGTTCT
ATGGAGCAGGCCAGTGGGTGCTGGCCAAAGCTCGGGGAACTGGAAGAAGCTGTGCAGATGCTGATAG
AGGGCAAGGAAGAGGGGCTCCAGGCTGGGGTGGCCAAATCAGGATTTACCCAGACGCCTCAGAGGCC
CCGGAAGGAGGAGTTGAAGTCTTTCATCCTTCAAGATACATGATGGTGGACAGGCAGAGGACCAGAAG
ACTCACAGACCTATGGCTCCCAAGGAGGCCCAAGAAGCTGATCCGATACATTGACAACCAAGTAGTGA
GCACCAAGGAGAGCGATTCAAAGATGTACGGAACCCGAAACTGAGGAGATGAAGGCCACATACATCAA
CCTCAAGCCGGCCAGAAAGTACCCTTCCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR212355 representing NM_001079886
Red=Cloning site Green=Tags(s)

MELERIVSSALFAFVQTHLPEADLSGLDEIVFSYVLGVLEDLGPSGPSEENFDMEAFIEMMEAYVPGFAH
 IHRGIIEDMVQTL SVQLSSARNKETLRRPEKLKEESRPPAATGNTQDEAAAAEEEEQPGVDVLLLEVFTCS
 MEQAQWVLAKARGNLEEAVQMLIEGKEEGPPGWGGPNQDLPRRLRGP RKEELKSFILQKYYMMVDRAEDQK
 THRPMAPKEAPKKLIRYIDNQVSTKGERFKDVRNPETEEMKATYINLKPARKYRFH

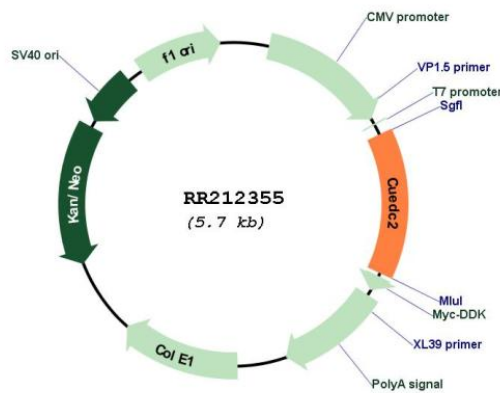
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001079886
ORF Size: 801 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:	<ol style="list-style-type: none">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_001079886.1 , NP_001073355.1
RefSeq Size:	1539 bp
RefSeq ORF:	804 bp
Locus ID:	294009
UniProt ID:	A1L131
Cytogenetics:	1q54
MW:	30.3 kDa
Gene Summary:	Controls PGR and ESR1 protein levels through their targeting for ubiquitination and subsequent proteasomal degradation.[UniProtKB/Swiss-Prot Function]