

Product datasheet for **MG216280**

Cuedc2 (NM_001164291) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cuedc2 (NM_001164291) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Cuedc2
Synonyms: 3010002G01Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG216280 representing NM_001164291
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGTTGGAGAGGATCGTCGGCTCAGCCCTCCTCGCCTTCGTTTCAGGCACACCTGCCAGAGGCAGACC
TCAGTGGCTTGGATGAAGTCATCTTCTCCTATGTGCTTGGGGTCTGGAGGACCTGGGCCCTCAGGACC
ATCAGAGGAGAACTTTGATATGGAGGCCTTCACTGAAATGATGGAGGCTTATGTGCTGGCTTTGCCAC
ATCCCCAGAGGTATAATAGGAGACATGATGCAGAAGCTCTCGGTGCAGCTGAGCGATGCTAGGAACAAAG
AGAACCTGCACCCACAGAGCTCCTGTGTCCAAGGTCAGGTGCCCATTTTTCCAGAGACCCCGAGGCAAGC
TGAAAAGCTCGAAGAAGAGAGCAGGCCTCCCGCTGCTCCCGGGAACACCTTAGATGAGGCAGCTGCGGCA
GAAGAAGTGCAGGAGTCGATGTCTCCTGGAGGTCTTCCCTACCTGCTCTATGGAGCAGGCCAGTGGG
TGCTGGCCAAAGCTCGGGGGGACTTGGAGGAAGCTGTGCACATGCTGGTAGAGGGCAAAGAAGAGAGGCC
TCCAGGCTGGGACGGCCCAAGTCAGGACTTGCCAGGCGTCTCAGAGGCCCCAAAGGATGACTTGAAG
TCTTTCATCCTTCAGAAGTACATGATGGTGGACAGGGCGGAGGACCAGAAGACTCACCGACCTATGGCTC
CCAAGGAGGCCCAAGAAGCTGATCCGATACATCGACAACCAAGTAGTGAGCACAAGGGAGAGCGATT
CAAAGATGTCCGGAACCTGAGGCCGAGGAGATGAAGGCCACATACATCAACCTCAAGCCGCGCCAGAAAG
TACCGCTTCCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG216280 representing NM_001164291
 Red=Cloning site Green=Tags(s)

MELERIVGSALLAFVQAHLPEADLSGLDEVIFSYVLGVLEDLGPSGPSEENFDMEAFTMEMEAYVPGFAH
 IPRGIIGDMMQKLSVQLSDARNKENLHPQSSCVQGQVPIFPETPRQAEKLEESRPPAAPGNTLDEAAAA
 EELPGVDVLLVFPPTCSMEQAQWVLAKARGDLEEAVHMLVEGKEERPPGWDGSPQDLPRRLRGPQKDDLK
 SFILQKYYMMVDRAEDQKTHRPMAPKEAPKKLIRYIDNQVVSTKGERFKDVRNPEAEEMKATYINLKPARK
 YRFH

TRTRPLE - GFP Tag - V

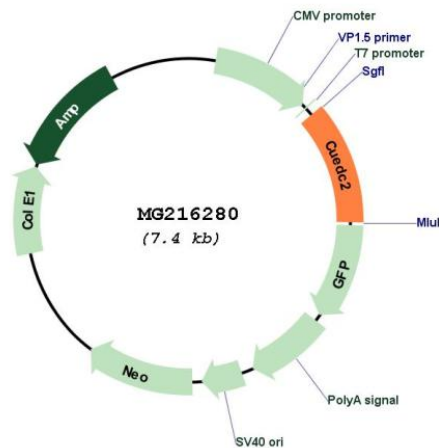
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001164291

ORF Size: 852 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_001164291.1 , NP_001157763.1
RefSeq Size:	1833 bp
RefSeq ORF:	855 bp
Locus ID:	67116
UniProt ID:	Q9CXX9
Cytogenetics:	19 C3
Gene Summary:	Controls PGR and ESR1 protein levels through their targeting for ubiquitination and subsequent proteasomal degradation.[UniProtKB/Swiss-Prot Function]