

## Product datasheet for **MC200454**

### Cuedc2 (NM\_024192) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cuedc2 (NM\_024192) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cuedc2  
**Synonyms:** 3010002G01Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC003442 sequence for NM\_024192  
GGGTGATAAGAAGTGCACCGCGGGACAAGTTGCTGGCGGCGCCTGACGGAGCAGGCCTGTCTCGTCAT  
GTGACTCACCTCTCCCGAGGCGGCTGCTGCATCCCTGTGTCTCAGGCCAGCTTCTGGAGGCTTATG  
AGTGCCCTGCTAACGAAGACCCAGCATGGAGTTGGAGAGGATCGTCGGCTCAGCCCTCCTCGCCTTCGTT  
CAGGCACACCTGCCAGAGGCAGACCTCAGTGGCTTGGATGAAATCATCTTCTCCTATGTGCTTGGGGTCC  
TGGAGGACCTGGGCCCTCAGGACCATCAGAGGAGAAGCTTGTATGGAGGCTTCACTGAAATGATGGA  
GGCTTATGTGCCTGGCTTGGCCACATCCCGAGAGGTATAATAGGAGACATGATGCAGAAGCTCTCGGTG  
CAGCTGAGCGATGCTAGGAACAAAGAGAACCTGCACCCACAGAGCTCCTGTCCAAGGTCAGGTGCCCA  
TTTTTCCAGAGACCCCGAGGCAAGCTGAAAAGCTCGAAGAAGAGAGCAGGCCTCCCGCTGCTCCCGGAA  
CACCTAGATGAGGCAGCTGCGGCAGAAGAACTGCCAGGAGTCGATGTGCTCCTGGAGGTCTTCCCTACC  
TGCTCTATGGAGCAGGCCAGTGGGTGCTGGCCAAAGCTCGGGGGGACTTGGAGGAAGCTGTGCACATGC  
TGGTAGAGGGCAAAGAAGAGAGGCCTCCAGGCTGGGACGGCCAAAGTCAGGACTTGCCAGGCGTCTCAG  
AGGCCCCCAAAGGATGACTTGAAGTCTTTCATCCTTCAGAAGTACATGATGGTGGACAGGGCGGAGGAC  
CAGAAGACTCACCGACCTATGGCTCCCAAGGAGGCCCCCAAGAAGCTGATCCGATACATCGACAACCAAG  
TAGTGAGACCAAGGGAGAGCGATTCAAAGATGTCCGGAACCTGAGGCCGAGGAGATGAAGGCCACATA  
CATCAACCTCAAGCCGGCCAGAAAGTACCGCTTCCACTGAGACAGTGTGGATCCTGTGACTGCTGCTG  
ATCCAGAGGGATGCAGACACCTCCATCCACCTGTCCCTTTGGAGGCCCTGTCTAGTGTCTAT  
TCTTGGGGCTTCTTCAAGAGCACAGTAAAAGTGGTCCAAGGAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_024192  
**Insert Size:** 855 bp



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|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">BC003442</a></u> , <u><a href="#">AAH03442</a></u>   |
| <b>RefSeq Size:</b>           | 1177 bp   |
| <b>RefSeq ORF:</b>            | 855 bp  |
| <b>Locus ID:</b>              | 67116   |
| <b>UniProt ID:</b>            | <u><a href="#">Q9CXX9</a></u>   |
| <b>Cytogenetics:</b>          | 19 C3   |
| <b>Gene Summary:</b>          | Controls PGR and ESR1 protein levels through their targeting for ubiquitination and subsequent proteasomal degradation.[UniProtKB/Swiss-Prot Function]<br>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3 and 4 encode the same isoform (a).   |