

## Product datasheet for **MC210356**

### Cutc (NM\_025530) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cutc (NM\_025530) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cutc  
**Synonyms:** 2310039I18Rik; AI326282; CGI-32  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC210356 representing NM\_025530  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGAAAGGGGCTTCTTGCGAGCGGAAACAGGCGTGGATATCGTCGGGGAAGGCGGGAGCAGGAAATG  
 GATTTCTTATGGAAGTGTGTGTAGATTCGGTGGAGTCCGCTGTGAATGCAGAAAGAGGAGGTGCTGGTCCG  
 GATTGAACTGTGCTCTGGTCTACTGGAGGGAGGAACCACACCCAGTATGGGTGTTCTTCAAGTAGTAAAA  
 CAGAGTGTTCCAGATCCCAGTGTGTTGTGATGATCCGCCACGCGGAGGCGACTTCTATACTCCGACCGTG  
 AAGTTGAGGTGATGAAGGCTGACATTCGCCTTGCCAAGCTTTATGGTGCCGATGGTTTGGTGTGGGGC  
 ATTGACTGAAGATGGACACATTGACAAAGAGCTATGCTTGTCTTGTAGCTCTTGCCGCCCTCTGCCG  
 GTCACCTTCCACAGAGCTCTGGAGACCTCCTAACCTTAGGATTTGAACGCGTCCTGACCACTGGATGCG  
 ACAGCTCAGCACTGGAAGGACTGCCTCTAATAAAGCAACTCATAGACCAGGCAAAAGGCAGGATTGTGGT  
 AATGCCAGGAGGTGGAATAACAGATAAAAACTGCAAAGGATCCTTGAGGGTCCGGTGCTACAGAAATC  
 CACTGCTCTGCCCGATCTCCAGAGACTCAGGAATGAAGTTTCGAAATTCCTCTGTGCAATGGGAGCTT  
 CGCTTGCTCATTGAGAAATTTCTAAAGGTAACAGATGTGACAAAAGTAAGGACTTTGAATGCAATTGC  
 AAAGGACGTCTAGTT**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_025530  
**Insert Size:** 789 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>	<a href="#">NM_025530.3</a> , <a href="#">NP_079806.2</a>
<b>RefSeq Size:</b>	1296 bp
<b>RefSeq ORF:</b>	789 bp
<b>Locus ID:</b>	66388
<b>Cytogenetics:</b>	19 C3
<b>Gene Summary:</b>	May play a role in copper homeostasis. Can bind one Cu(1+) per subunit (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has an alternate splice site in the CDS, as compared to variant 1. The resulting isoform 2 lacks an internal segment, as compared to isoform 1.