

## Product datasheet for MC207579

### Cutc (NM\_001113562) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cutc (NM\_001113562) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cutc  
**Synonyms:** 2310039I18Rik; AI326282; CGI-32  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207579 representing NM\_001113562  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGC**C

ATGAAGAAAGGGGCTTCTTGCAGCGGAAACAGGCGTGGATATCGTCGGGAAGGCGGGAGCAGGAAATG  
 GATTTCTTATGGAAGTGTGTAGATTCGGTGGAGTCCGCTGTGAATGCAGAAAGAGGAGGTGCTGGTCC  
 GATTGAACTGTGCTCTGGTCTACTGGAGGGAGGAACACACCCAGTATGGGTGTTCTTCAAGTAGTAAAA  
 CAGAGTGTTCAGATCCCAGTGTGTGTATGATCCGCCACGCGGAGGCGACTTCTTATACTCCGACCGTG  
 AAGTTGAGGTGATGAAGGCTGACATTCGCCCTTGCCAAGCTTTATGGTGCCGATGTTTTGGTGTGGGGC  
 ATTGACTGAAGATGGACACATTGACAAAGAGCTATGCTTGTCTCTTGTAGCTCTTTGCCGCCCTCTGCCG  
 GTCACCTTCCACAGAGCCTTTGATATGGTTCAATGATCCAATGGCAGCTCTGGAGACCCTCCTAACCTTAG  
 GATTTGAACGCGTCTGACCAGTGGATGCGACAGCTCAGCACTGGAAGGACTGCCTCTAATAAAGCAACT  
 CATAGACCAGGCAAAAGGAGGATTGTGGTAATGCCAGGAGGTGGAATAACAGATAAAAACTGCAAAGG  
 ATCCTTGAGGGTCCGGTGTACAGAATCCACTGCTCTGCCCGATCTCCAGAGACTCAGGAATGAAGT  
 TTCGAAATTCCTGTGCAATGGGAGCTTCGCTTGTCTCATTGCAATATCTCTAAAGGTAACAGATGT  
 GACAAAAGTAAGGACTTTGAATGCAATTGCAAAGGACGTCCTAGTT**AG**

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-RsrII  
**ACCN:** NM\_001113562  
**Insert Size:** 819 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="#">NM_001113562.1</a></u> , <u><a href="#">NP_001107034.1</a></u>
<b>RefSeq Size:</b>	1308 bp
<b>RefSeq ORF:</b>	819 bp
<b>Locus ID:</b>	66388
<b>UniProt ID:</b>	<u><a href="#">Q9D8X1</a></u>
<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]