

## Product datasheet for MC211400

### Cabcoco1 (NM\_028491) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cabcoco1 (NM_028491) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cabcoco1
Synonyms:	1700040L02Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211400 representing NM_028491 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGGCTGCTTCTCTAAAGAAAACGTGTCAGGGTCGTCCACAGGATTGACCTCCTGGGCGTTGACCA  
CCCCTGGGGTGTGCGCAGTAGGCAGCACTTCTGACTCTGAGGAGAATGAAAGGATTCTGTCTCCAGATAT  
ACTCTCCTCTGACCAGATCATTGACCTGTTGGGAGAAGAGAACGAAAATGGAATTCAGAAAACTGGGA  
GTGTTTCTGAATTTAAAAATCTCCAGACTTGCCTGCGTGACGCCATCCTTTGGACTACTATGTGTCTG  
GCTTCTGTTGGCCAAGGAGATGAACTTTTCTATTGAGCAGTATTCGAAGTTTATGACCTTCTGGACAT  
GCTACTTCATAATCTTCAAACACTGCACATGTCCTTAGAGGACAGCATTAAAGTGGCTCGGGGAAGTGATG  
GCAGAAATCGGACCAAACCACTCGCAGAAGAGTGAAGATTTCCATGTCTTCGAAGTCAAGGAAGCCAACG  
CCATCATCGATTACTTAAAAATCAGCTTATTCCAGCACTACAGGCTCTACGAGTTTCTGTCTACTCCAC  
CAGGGAAGAAATTGTCATCGGGACTGAGCAAACCATAGAGGTTGTCAAGCCTGCAGACTACCCCTTCCCA  
GCCCCCTGGAAGAAGGTATCTCATTGGACACGTATTCAACCTTCATAGAGCCATTGCCAACGCCGGACA  
TGAACAGAAGGTGCTGGATCAAGAGCAAGGGACTCAGGAAGCCCTGCTGGAGAGTGAATGAGAGAGGA  
GGATCCCTTAGGTGGCTTCACCATTGATGACGTAATAATCAGCCCTGGAGCGAGTGACGGATGAGGTTTTG  
ATTAGCATGCAGAAAGAGATAAGTGAAAACTCCAAGTACAGGAAGAGGCCCTTTAACGCACGAATAGAGA  
AACTGAAGAAAGCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_028491



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<b>Insert Size:</b>	927 bp
<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_028491.1</a></u> , <u><a href="#">NP_082767.1</a></u>
<b>RefSeq Size:</b>	1238 bp
<b>RefSeq ORF:</b>	927 bp
<b>Locus ID:</b>	73287
<b>UniProt ID:</b>	<u><a href="#">Q8CDT7</a></u>
<b>Cytogenetics:</b>	10 B5.2
<b>Gene Summary:</b>	Calcium-binding protein (PubMed:26990073). May be involved in the control of sperm flagellar movement (PubMed:26990073).[UniProtKB/Swiss-Prot Function]