

## Product datasheet for **MC211685**

### Nr2c2ap (NM\_001025587) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nr2c2ap (NM\_001025587) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nr2c2ap  
**Synonyms:** 2310073E15Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC211685 representing NM\_001025587  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTCAGTCTTTGGTTTGCCGGACACTGTGAGCAGGGTCAGTTCTGTGCTCAATCGCAACAGCCGGC  
AATTTGGAAGAAACATCTTTTTGACCAGGATGAAGAGACGTGCTGGAACCTGACCAGGGCCCTCCCA  
GTGGGTGTCACTCGAGTTTCCCCAGTGTGTTTCAGATCACACAGCTGCAGGTGCAGTTCAGGGTGGCTTC  
TCCAGTCGCCACAGCTGCCTGGAAGTTACGGGGTGGGAGGCACTCAGCAAGATTGTAGATTTCTACC  
CTGAGGACACCAATGCCCTTCAGCTTCTCCATCCCCACAATGGAGGTGGACCGACTGAAGTTGACTTTTG  
A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001025587  
**Insert Size:** 351 bp  
**OTI Disclaimer:**

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).



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<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_001025587.2</a></u> , <u><a href="#">NP_001020758.1</a></u>
<b>RefSeq Size:</b>	1200 bp
<b>RefSeq ORF:</b>	351 bp
<b>Locus ID:</b>	75692
<b>UniProt ID:</b>	<u><a href="#">Q3TV70</a></u>
<b>Cytogenetics:</b>	8 B3.3
<b>Gene Summary:</b>	<p>May act as a repressor of NR2C2-mediated transactivation by suppressing the binding between NR2C2/TR4 and the TR4-response element in target genes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This encodes a protein (isoform 2) that is shorter than isoform 1.</p>