

## Product datasheet for MC211771

### CrelD2 (NM\_029720) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CrelD2 (NM\_029720) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CrelD2  
**Synonyms:** 5730592L21Rik; C85758  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211771 representing NM\_029720  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCACCTGCTGCTTGCAGCCGCGTTCGGGCTGCTGCTGCTGCTGCCGCCGCCGGGGCCGTAGCCTCCC  
 GGAAGCCGACGATGTGCCAGAGATGCCGACGCTGGTGGACAAGTTCAACCAGGGGATGGCCAACACGGC  
 CAGGAAGAATTTCCGTGGCGGCAACACGGCGTGGGAAGAGAAGACGCTGTCTAAGTACGAATTCAGTGAG  
 ATCCGGCTTCTGGAGATCATGGAGGGTCTGTGTGACAGCAGTGACTTTGAGTGCAACCAACTCTTGAGC  
 AGCAGGAGGAGCAGCTAGAGGCTTGGTGGCAGACACTGAAGAAGGAGCACCCCAACCTATTTGAGTGGTT  
 CTGTGTACACACTGAAAGCGTGTCTTCCAGGCACCTACGGGCCAGACTGTCAAGAGTGCCAGGGT  
 GGGTCCGAGAGGCCTTGCAGCGAAACGGCTATTGCAGCGGAGACGGCAGCAGACAGGGCGACGGGTCTC  
 GCCAGTGTACACAGGCTACAAGGGACCACTGTGTATTGACTGCACAGACGGCTTCTTCACTTGCAGAG  
 GAACGAGACCCACAGCATCTGCTCAGCCTGTGATGAGTCTTCAAGACCTGCTCTGGTCCAAGCAACAAA  
 GACTGTATCCAGTGTGAAGTGGGCTGGGCACGTGTGGAGGATGCCTGTGTGGATGTGGATGAGTGTGCAG  
 CAGAGACATCTCCGTGCAGCGATGGCCAGTACTGTGAGAATGTCAACGGCTCGTACACATGTGAAGACTG  
 TGATTCTACCTGCGTGGGCTGTACAGGAAAAGGCCAGCCAAGTGAAGGAGTGTATTGCCGGCTACACC  
 AAGGAGAGTGGACAGTGCACAGATATAGATGAATGCTCACTAGAAAGAAAAAGCCTGTAAGAGGAAAAACG  
 AAAACTGCTACAAATGTTCCGGGGAGCTTGTGTGCGTGTGTCCGGAAGGCTTTGAGGAGACAGAAGACGC  
 TTGTGTGCAGACAGCAGAAGGCAAAGTACAGAGGAAAACCCACACAGCCACCCTCCCGTGAGGATTTG  
 TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_029720



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<b>Insert Size:</b>	1053 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>NM_029720.2, NP_083996.1</u>
<b>RefSeq Size:</b>	1364 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	76737
<b>UniProt ID:</b>	<u>Q9CYA0</u>
<b>Cytogenetics:</b>	15 E3
<b>Gene Summary:</b>	May regulate transport of alpha4-beta2 neuronal acetylcholine receptor.[UniProtKB/Swiss-Prot Function]