

## Product datasheet for MC211406

### Calr3 (NM\_028500) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Calr3 (NM\_028500) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Calr3  
**Synonyms:** 1700031L01Rik; 6330586I20Rik; Crt2; cspn  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211406 representing NM\_028500  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTCTCGGCTCGTGCATTGCTCTGGGCCATCTGTGTGCTGCGCGTGGCACTAGCCACTGTGTACTTCC  
 AGGAGGAGTTTCTAGACGGAGAGCGCTGGAGGAACCGCTGGGTGCAGTCCACCAATGACTCCCAGTTTGG  
 GCACTTCAGAGTCTCATCGGGAAAGTTCTATGGGCATAAAGAGAAAGACAAGGCCTGCAGACTACCCAA  
 AACAGCCGATTCTATGCCATCTCTGCGAGCTTCAAGCCATTGAGCAACAAGGGAAGACCCTGGTAAATCC  
 AGTACACGGTGAAGCATGAGCAGAAGATGGACTGTGGTGGTGGTTACATCAAGGTGTTCCGCTGACCT  
 GGACCAGAAGAAGATGAACGGAAAATCTCAGTACTACATCATGTTTGGACCTGATATTTGTGGATTTGAT  
 ATCAAGAAAGTTCATGTTATCTTATATTCAAGAATCAATATCATGAAAACAAGAAGCCAATCAGATGCA  
 AGGTGGATGGCTTACGCATCTCTACACCCTGATCTTAAGACCAGATCTTCTTACGAGGTAAAAGTCGA  
 TGGCCAGTCCATTGAGTCTGGCAGCATTGAGTATGACTGGAACCTGACATCGCTGAGGAAAACGGAAAAG  
 ACATCACTGGACTCTAGGGACTGGGATCAGGTGGAAGGCAGTAAAGTCCAGGATTGGGAAAAGCACTTTC  
 TGGATGCGGGTGCCAGCAAGCCGAGTACTGGAACAGTGAAGTGGATGGGACTGGCTGCAGAAGCCACC  
 ATATGAGGATGGCCTGAAAGCTGAGGGCATCGACAAGGACGTGTGGCTCCACCAGAAGATGAGACCTGCT  
 GGCTACCTGACGCAGTATGACCTCTCAGAGTTTGAAGCATTGGCGCCATTGGTCTAGAGCTGTGGCAGG  
 TGAGATCTGGAACCATCTTTGATAAATTCTGATCACAGATGATGAAGAATATGCAGAGAAGTTGGCAA  
 GGCCACCTGGGGAGAACTAAGGGTCCAGAAAAGGAGATGGATGCCATACAGGCCAAGGAAGAAGTGA  
 AAGGCCCGTGAAGAAGATGAGGAGGATCTGCTGATGGGAAAGTTTCACAGGCACAACCATTTTCAGCAGAT  
 TCCACAGGCAGGGCGAACT**ATAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_028500
<b>Insert Size:</b>	1143 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_028500.3</a></u> , <u><a href="#">NP_082776.2</a></u>
<b>RefSeq Size:</b>	1670 bp
<b>RefSeq ORF:</b>	1143 bp
<b>Locus ID:</b>	73316
<b>UniProt ID:</b>	<u><a href="#">Q9D9Q6</a></u>
<b>Cytogenetics:</b>	8 B3.3
<b>Gene Summary:</b>	CALR3 capacity for calcium-binding may be absent or much lower than that of CALR (By similarity). During spermatogenesis, may act as a lectin-independent chaperone for specific client proteins such as ADAM3. Required for sperm fertility.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).