

## Product datasheet for **MC200612**

### **Ergic1 (NM\_026170) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ergic1 (NM_026170) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ergic1
Synonyms:	1200007D18Rik; maa-136
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC005516 sequence for NM\_026170  
 GGCGGGGGCGGGGCGGCCGAGGAGGCGTTGGCAGCGGGCTCGGACCCACGCGGCGCTGCGGCCCGCCTGG  
 CCTGCAACGCTCCCACCGGCTCGGCGGCACGATGCCCTTTGACTTCAGGAGGTTTGACATCTACAGGAAG  
 GTGCCAAAGACCTCACGCAGCCGACATATACTGGTGCCATTATCTCCATCTGCTGCTGCCTTTTCATCC  
 TCTTCTCTTCTGTGCGGAGCTCACTGGATTTCACACAAGAAGTGGTGAATGAGCTCTACGTCGATGA  
 CCCAGACAAGGACAGCGGAGGCAAATTTGACGTCACTCAACATCAGTTTACCCAATTTGCACTGTGAA  
 TTGGTGGGCTTGACATCCAAGATGAGATGGGCAGACACGAAGTGGCCACATCGACAATCCATGAAGA  
 TCCCGCTGAATAATGGAGCCGGCTGCCGCTTCGAGGGCCAGTTACGATCAACAAGGTTCCCGGCAACTT  
 CCATGTGTCCACACAGTGCCACAGCGACGCCACAGAACCCTGGACATGACACATACCATCCATAAACTC  
 TCCTTTGGGGATACGCTACAGGTCCAGAATGTTACGGGGCTTTCAATGCTCTTGGGGGAGCAGACAGAC  
 TCACCTCAACCCCTGGCCTCCATGACTACATCTTGAAGATTGTACCCACAGTGTATGAGGACAAGAG  
 CGGCAAGCAGCGTACTCCTACCAGTACACAGTGGCCAACAAGGAGTACGTCGCCACAGCCACACGGGG  
 CGCATTATCCCTGCCATCTGGTTCGGCTATGACCTCAGCCCCATCACAGTCAAGTACACAGAGAGAAGAC  
 AACCCCTGTACAGGTTTCATCACCACAATCTGTGCCATCATCGGCGGAACCTTCACTGTGCGCCGCTTCT  
 GGACTCCTGTATCTTACAGCCTCAGAAGCGTGAAGAAGATCCAGCTGGGCAAAATTTCACTGACATCCT  
 GCCCAGCCAGTACTGAGGACAGGAACCTGCTAGCCCTGACTCTGGGCTCCTATCTCCTTCTGCCTT  
 CTCTGGCCAGTGTGTGGGAGGAGGGTGTGGTTATGGGTGGCACCAGGTTCCCCAGTACCTCTCTC  
 CCCATGTTTTAGATAAATTAACACTGCCTGGAGTACGCTGCTCTTTCCCTGCAGAGCCCCAAGACCAGG  
 GTCAGGCATGGGAGGTAAGTCCAGGATGCCGGTACCTCTCTGGGAAGGCTGTAGTCTATTCTCTGTTA  
 GGGAACTTAGAGTACAAACAGATAAGCTTTTCAGACAGGCTTTGACAATCTTTAAGCCCCATCATT  
 GGACATGCTAATAGCTTGATTTGCCCCGGCAGCCAACCTGCGCTCTCAGCCTTGGGACCAGACTGCC  
 CAAAGTACTGCTGCTTGGCGCTCTCAGTATGGAATGGTACTTGGCAGGGACACCCATAGGCACGGCCT  
 CGACTGGAACCTGCTTCTGCCTCATTGCTTCATGCCGACCTAGAGCCGGGGCTCGTCTCTACCCCA  
 GCCCTGCCTCCTCCTCCGAGTAGATGCCAGATTGCTTACAGAACGGTGGAGACTCGGATTTGCCACC  
 AGTCTGAGGCAGCTCACGGGTGCCCTTCTCTCTTGTCTTTGCTTTTCTGAATCCCCCAACATGTGC  
 CTCAGTCTGTGCTATGCGGCAATAGCATTCTTGGTGAAGGGGCTGGTCCCATTGCAAAGCCCCCT  
 CCCCCAACAGTTACATTCTGCAGTGCCAAGGGATAGGGCCATGTGACTGGAAGGTCATCCTTGAAGAC  
 CATATAAGGCACAGTTTGTACACTTCTGTCAAACCAGAAGCATCCTTCCAATGAACCACAAATGATCA  
 TGTCTGACATCCACCTTTGGTCCCAAGGCCTTAGCTGGGAAATGAAGCAGGCTTCTTCTTTCCATCC  
 CTACCTTGCAAGGTCACAAAAGATGCCAGCATCTGGAACCCACTTGCTATTGAGACCCCTGTTAGCTG  
 AGCACATGCCAACTCATTCTTAGACCCAGGGGCTCCAGTGTCTCCCCACTTCTCCTGAGTTAGATCT  
 CTTTCTGTTCCCTCATCCTTCTAAGGGGAGGGGAGTGGTCTAGGTATGAATTCATGCAGAGAAT  
 TTAGCTATGCTCAAGTCCAGAGAGACCCGAGGCCTGGGCTTCATTTATATTGAGATGGTTGCATA  
 CTTTTGTAATGAAGGGGAATCTGCAGTAGGAAGTTTTGGGGTTTTTTGTTTTTTGTTGGTTTTGGTTT  
 TGTTTTTCTAAATAGTCTTTATGGGTAGCTGGATTCTCTGCCATTTGTAATTTTTCTCTGATTCCAA  
 TTAGCAAACTTCCCTTTTTATATGAGTTGATTCTTATTGTGTATGTAACCTGCCCTGGCCACTTGGCT  
 AGATTTCTTATCTTTTAAACATTCTGTTCCACAGTTAAGAAACCAGTCCCTTTGGTGTGTGAATCT  
 GTCACCTGTGGAGGTTGGCAGGGTGGGATGGGACGGGAATATGTGGCATGCGTATGAGTTGAAATCC  
 CACTTTTGTGAGGACACGGGATGCCAGTTTCCCATGGAAGAGACGCCTTGGCCTGTTGTTCTTTGAAAG  
 GTATTCTTAAGGGGACATATGTTTTGATTCTTTCCCACTACTGGGTTCAATTAGATATTAAGGCTGC  
 TTTTCAGAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_026170  
**Insert Size:** 873 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).

<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="#">BC005516</a></u> , <u><a href="#">AAH05516</a></u>
<b>RefSeq Size:</b>	2753 bp
<b>RefSeq ORF:</b>	873 bp
<b>Locus ID:</b>	67458
<b>UniProt ID:</b>	<u><a href="#">Q9DC16</a></u>
<b>Cytogenetics:</b>	17 A3.3
<b>Gene Summary:</b>	Possible role in transport between endoplasmic reticulum and Golgi.[UniProtKB/Swiss-Prot Function]