

## Product datasheet for **MC221329**

### **Ece1 (NM\_199307) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ece1 (NM_199307) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ece1
Synonyms:	AW322500; ECE-1; ECE-1a; ECE-1b; ECE-1d
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221329 representing NM\_199307  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCAACCTACAAGCGGGCCACGCTGGACGAAGAGGATCTGGTGGACTCACTCTCCGAGGGCGATGTGT  
 ACCCCAATGGCCTACAGGTGAACCTCCGCAGCTCCCGAGCGGCCAGAGGTGCTGGGCAGCTCGGACCTC  
 GGTGGAGAAGCGGCTGGTGGTGTGCTGGTACGCTTCTGGCGGCAGGGTTGGTGGCCTGCCTGGCAGCCCTG  
 GGCATCCAGTACCAGACAAGAAGCCTCCGGTATGTCTGACGGAGGCTGTGTCTCAGTGACCAGCTCTA  
 TCCTAACTCCATGGACCCACAGTAGACCCGTGCCAGGACTTCTCAGCTACGCCTGCGGGGGCTGGAT  
 CAAGGCCAACCCCGTGCCGATGGCCACTCAGCTGGGGAACCTTCAGCAACCTCTGGGAACACAACCAA  
 GCTGTCAAGCATCTACTGAAAATGCCACGGCCAGTGTGAGCGAGGCAGAGAGAAAAGCCCAAGTGT  
 ACTACCGTGCCTGATGAACGAACTAGGATTGAGGAGCTTCGGCCAAGCCCTGATGGAGCTGATTGA  
 GAAGCTGGGAGGCTGGAATATCACAGGACCTGGGCCAAGGACAACCTCCAGGACACACTGCAGGTGGTC  
 ACAGCTCACTACCGCACCTCACCTTCTTCTGTTTATGTCAGCGCGGACTCCAAGAATCCAACAGCA  
 ATGTGATCCAGGTGGACCACTCCGGCTTGGCTTGCCTCCAGAGACTATTACCTGAACAAGACAGAGAA  
 TGAAAAGGTCTGACTGGATACCTGAACTACATGGTCCAGCTGGGGAAGCTCCTGGGCGGTGGGACGAG  
 GATGCCATCCGGCCACAGATGCAGCAGATCCTGGATTTTGGAGCGGCGCTGGCCAACATCACCATCCCC  
 AGGAGAAGCGCAGGGATGAAGAAGTCACTACCAAAAGTACGGCTGCCGAGCTGCAGACCTTGGCACC  
 TGCCATCAACTGGTTACCTTTCTGAACACCATTTTTACCCAGTGGAGATCAATGAGTCTGAGCCAATC  
 GTGGTCTACGACAAGGAATACTTGAGACAAGTCTCCACCCTCATCAACAACACCGACAAAATGTCTGTCA  
 CGAGAAGTTCATGGAGGTTATGTATGGGACGAAGAAGACCTGTATTCCCCGCTGGAAGTTTTGTGTGAGT  
 GACACGGAACAACTGGGCTTTGCCCTGGGACCCATGTTTGTGAAAGCAACCTTTGCAGAAGACAGTA  
 AGAATATAGCCAGTGAGATCATCATGGAGATCAAGAAGGCGTTTGGAGAGTCTGAGCACTCTGAAATG  
 GATGGATGAAGAGACTCGGAGATCAGCCAAGGAGAAGGCGGATGCTATCTACAACATGATAGGCTACCC  
 AACTTCATCATGGACCCCAAGGAGCTGGACAAAGTCTTCAATGACTACACAGCAGTTCTGATCTCTACT  
 TTGAGAACGCCATGCGCTTTTTCAACTTCTCATGGAGGTCACAGCTGACCAGCTCAGAAAAGCTCCCAA  
 CAGAGATCAGTGGAGTATGACGCCGCCATGGTGAACGCTTACTACTCGCCACCAAGAACGAGATCGTG  
 TTTCCAGCTGGAATACTGCAGGGCCATTTTATACCCGCTTTCACCCAACGCTTGAACCTCGGTGGCA  
 TTGGTGTGATGAGTGGGCCACGAGCTGACTACGCTTTCGATGATCAAGGTCGGGAGTACGACAAGGATGG  
 GAACCTTCGACCCTGGTGGAAAGAACTCGTCCGTGGAGGCGTTCAAGCAGCAGACGGAGTGCATGGTGCAG  
 CAATACAGCAACTACAGCGTGAACGGGGAGCCCGTGAACGGTTCGACACACCCTCGGGGAGAACATTGCCG  
 ACAACGGGGGACTCAAGGCGGCCACCGGGCGTACCAGAACTGGGTAAAGAAGAACGGAGCTGAGCAGAC  
 GCTGCCACCCCTGGTCTCACCAGCAACCAGCTTCTTCTAGGATTTGCACAGGTCTGGTGTCTGTCTGTC  
 CGCACACCTGAGAGCTCCACGAAGGCTCATCACGGATCCGCACAGCCCTCTCGCTTCCGGGTATCG  
 GCTCGCTCTCAACTCCAAGGAGTCTCAGAACAACCTTTCGCTGCCCGCTGGCTCTCCATGAACCTCA  
 TCACAAGTGCGAAGTCTGG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_199307  
**Insert Size:** 2262 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>	<a href="#">NM_199307.2</a> , <a href="#">NP_955011.1</a>
<b>RefSeq Size:</b>	4856 bp
<b>RefSeq ORF:</b>	2262 bp
<b>Locus ID:</b>	230857
<b>UniProt ID:</b>	<a href="#">Q4PZA2</a>
<b>Cytogenetics:</b>	4 D3
<b>Gene Summary:</b>	Converts big endothelin-1 to endothelin-1.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3), as well as variant 4, encodes isoform c.