

## Product datasheet for **RN203020**

### **Ece2 (NM\_001002815) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ece2 (NM_001002815) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ece2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203020 representing NM\_001002815  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAACGTCGCGCTGCAGGAGCTGGGTAGCGGAGGCAGTATGGTGGAGTACAACAGCTAAGCTTCAGG  
 ATGAAGAATTACCAGAGGTGACAGTAGAAGGCAGGGCCATCCAGGACTCACTGGAGGTGGGATCCCAGAA  
 GAGGACAAGACAACCTCTTTGGCTCACACACACAGTTGGAGCTGGTCTTGGCAGGCCCTCATTCTAGTGTG  
 GCTGCCCTTCTTTGGGCTGCCTCGTGGCTCTGTGGTCCAGTACCACAGAGACCCAGTCCACAGCACCT  
 GCATCACAGAAGCCTGCATTGAGTGGCTGAAAAATCCTGGAGTCTTTAGACCGTGGGGTGGCCCTG  
 TCAGGACTTTTACCAGTCTCCTGTGGAGGCTGGATTGGAAGAAACCTCTACCCAGTGGACGTTCTCGC  
 TGGAACACCTTCAACAGCCTTTGGGACCAGAATCAGGCCATACTGAAGCACCTACTTGAGAATAGCACTT  
 TCAATTCAGCAGTGAAGCCGAGCGGAAGACTCGGAGTTTCTACCTGTCCTGCCTGCACCTGGAGCGCAT  
 CGAGAAGCTAGGAGCCAAGCCACTTCAAGACCTCATTGACAAGATCGGTGGTTGGAACATCACGGGGCCC  
 TGGGATGAGGACAACCTCATGGAAGTGCTAAAGGCAGTAGCAGGGACCTATAGAGCCGCCCATCTTCA  
 CTGTCTATGTCGGTGTGATTGGAAGATTCTAACAGCAACATCATCCAGGTGGACCAGTCTGGGCTTTT  
 TCTACCCTCTCGTGATTACTACCTAAATAGAAGTGCCTGAGAAAGTTCTCGCTGCCTACCTGGACTAC  
 ATGGTGGAGCTGGGAATGCTGCTGGGTGGACAGCCGACCTCCACCCGGGCGCAGATGCAGCAGGTGCTGG  
 AACTGGAGATAACAAGCTACCATCACTGTGCCCCAGGACCAGCGCGGTGATGAGGAGAAGATCTATCA  
 CAAGATGAGCATCTCAGAGCTGCAGACTTAGCACCCCTCCATGGACTGGTGGAGTTCCTTTCTTTCTTG  
 TTGTCGCCACTTGAGTTGGCGATTCTGAGCCTGTGGTGGTGTATGGGACTGAGTATTTACAGCAGGTGT  
 CGGAGCTCATTAACCGTACGGAACCAAGCATCCTGAACAATTACCTAATTTGGAACCTGGTGCAGAAGAC  
 AACCTCGAGCCTCGACCAGCGCTTTGAGACTGCACAGGAGAAGCTACTGGAGACCCTCTACGGTACCAAG  
 AAGTCTGCACCCCGAGGTGGCAGACCTGCATCTCCAATACAGATGATGCCCTTGGCTTCGCTCTGGCT  
 CGCTCTTTGTGAAGGCCACATTTGACCGACAAAGCAAGGAAATTGCCGAGGGGATGATCAGTGAAATCCG  
 TGCTGCTTTTGGAGAGACTCTGAAAACTTGGTTTGGATGGACGAGAAGACCCGGCTGGCAGCCAAGGAG  
 AAAGCAGATGCCATCTATGATATGATTGGTTCCCTGATTTTCTTGGAGCCAGAGAAGTGGATGATG  
 TTTATGATGGGTATGAAGTCTCTGAAGATTCTTTTTTCCAAAACATGCTGAACCTATAACAATCTCAGC  
 TAAGGTGATGGCTGACCAGCTCCGAAACCTCCAGCCGAGACCAGTGGAGCATGACGCCTCAGACTGTG  
 AACGCTTACTACCTTCCAACCAAGAATGAAATCGTCTTCCCTGCTGGCATCTTGCAGGCCCTTCTATG  
 CTACAACCAACCAAGGCTTTGAACTTCGGTGGCATCGGTGTGGTGTGGGCCACGAGTTGACACATGC  
 CTTTGATGACCAAGGGCAGAGTATGACCAAGAAGGGAATCTGCGGCCTTGGTGGCAGAATGAGTCACTC  
 ACGGCTTTCAGAATCATACAGCCTGCATGGAAGAACAGTACAACCAGTACCAGGTCAATGGAGAGAGGC  
 TCAACGGACTCCAGACCTGGGGGAAAACATCGCCGATAATGGGGGCTCAAGGCTGTTACAATGCATA  
 CAAAGCATGGCTGAGGAAGCATGGGGAGGAGCAGCCGCTGCCTGCTGTGGGGCTCACCAATCACCAGCTG  
 TTCTTCGTGGGATTTGCTCAGGTGTGGTGTGCGTCCGCACACCAGAGAGCTCTCACGAGGGGCTGGTGA  
 CCGACCCACAGCCCTGCCGTTTCCGAGTGTGGGCACTCTCCTCAACTCCCGAGACTCTCTTCGGCA  
 TTTCGGCTGCCCTGTGCGCTCCCCATGAACCCAGGGCAGCTATGTGAGGTGTGG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001002815

**Insert Size:** 2298 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>NM_001002815.2</u> , <u>NP_001002815.2</u>
<b>RefSeq Size:</b>	3010 bp
<b>RefSeq ORF:</b>	2298 bp
<b>Locus ID:</b>	408243
<b>Cytogenetics:</b>	11q23
<b>Gene Summary:</b>	metalloprotease type II enzyme; catalyzes functionally active forms of the endothelin vasoactive peptide family [RGD, Feb 2006]