

## Product datasheet for **RN210922**

### **Epn1 (NM\_057136) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Epn1 (NM_057136) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210922 representing NM\_057136  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGACATCATCGCTGCGGCGTCAGATGAAGAATATCGTCCACAACACTACTCAGAGGCAGAGATCAAGG  
 TCCGGGAGGCCACAAGCAATGATCCCTGGGGCCCATCCAGCTCCCTCATGTCAGAGATTGCTGACCTCAC  
 CTAACAATGTTGTGGCCTTCTCCGAGATTATGAGCATGATCTGGAAGCGGCTCAACGACCATTGGCAAGAAT  
 TGGAGGCACGTCTACAAGGCCATGACGTTGATGGAGTACCTCATCAAGACTGGCTCTGAGCGTGTATCAC  
 AACAGTGCAAAGAGAACATGTATGCTGTGCAGACGCTGAAGGACTTCCAATATGTGGACCGTGATGGCAA  
 GGACCAGGGTGTGAATGTGCGGGAGAAGGCCAAGCAGCTGGTGGCTTGTGCGTGATGAGGATCGGCTT  
 CGGGAGGAGCGGCCACGCGCTCAAGACCAAGGAGAACTGGCAGACTGCCACGGCTTCTCAGCAG  
 CTGTGGGCTCTGGACCACCTCCCGAGGCGGAGCAGGCATGGCCACAGAGCAGCGGGAGGAGGATTGCA  
 GCTCCAGCTGGCCCTGGCTATGAGCAAGGAGGAGCTGACCAGCCCCGTCTGCGGCCCGAGGATGAC  
 GTCAGCTCCAGCTGGCCCTTAGTTTGGCCGAGAGGAGCAGATAAGGAAGAGCGGATCCGTCGTGGGG  
 ATGACCTGAGGCTGCAGATGGCAATAGAGGAGAGCAAGAGGGAGACTGGGGGCAAGGAGGAGTCACTCT  
 TATGGATCTTGCTGACGCTTACAACCCAGCCCTCCACAGGCCTCAGACCCTTGGGGGGCCCGGCA  
 TCTGTGCTACTGCTGTCCCTGTGGCTGCTGCTGCCTCAGACCCTTGGGGGGCACCTGCTGTCCCTCCAG  
 CTGCTGATCCTTGGGGTGGTGCAGCCCCACGCCAGCCTCCGGGGATCCTTGGAGGCTGCAGCCCTAC  
 AGGGCCCTCTGTTGACCTTGGGGTGGGACCCAGCTCCTGCAGCTGGAGAGGGGCCACATCTGACCCG  
 TGGGAAGCGCTGATGGTGGGGCCCTGTCAGTGGACCCCATCTCTGACCCCTGGGCACCTGCCCCAG  
 CTTTCTCAGACCCTTGGGGAGGTTACCTGCAAAGCCAGCAGCAATGGCACTGCAGTTGGGGGCTTGA  
 CACTGAGCCCGATGAGTTCTCAGACTTCGACCGACTCCGCACTGCCCTGCCAACCTCTGGGAGCAGCACA  
 GGGGAATTGGAGTTGCTCGCAGGGGAGGTTCTGCTCGCAGCCCCGGGGATTTCGACATGAGTGGGGTTG  
 GGGGATCTCTGGCTGAGTCTGTGGGGAGTCCCCCTCCTGCGGCAACCCCAACTCTACCCCGCAACACG  
 GAAGACTCCGGAGTATTCTAGGCCCTAATGCAGCCCTTGTGGACTTGGACTACTGGTGGAGCCGACCA  
 GGCCCTACACCGCAGGAGCCAAGGCTTCAACCCATTCTTCCAAGTGGAGCTCCGGCCACCGGCCCT  
 CCGTCACCAATCCTTCCAGCCAGCACCCTGCAACGCTCACCTGAACCAGCTCCGTCTCAGTCTGT  
 GCCCCAGTTCTGGAGCGCCACCCACTACATCTCTCCTTGGTGGAGGCCCTGGCTGCCCCCATG  
 ATGCCCCGGGTCCCCAGCCCCAACCTAACCCTTCTCCTA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_057136
- Insert Size:** 1728 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).
- Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_057136.1](#), [NP\\_476477.1](#)

**RefSeq Size:** 2047 bp

**RefSeq ORF:** 1728 bp

**Locus ID:** 117277

**UniProt ID:** [O88339](#)

**Cytogenetics:** 1q12

**Gene Summary:** mediates the formation of clathrin-coated invaginations on the plasma membrane [RGD, Feb 2006]