

## Product datasheet for **RN213846**

### **Epn3 (NM\_001024791) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Epn3 (NM_001024791) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epn3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN213846 representing NM\_001024791  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACAACCTCTGCGCTCCGACGCCAGGTGAAGAACATTGTTCACACTACTCTGAGCCGAGATCAAGG  
 TCCGTGAAGCCACCAGCAATGACCCCTGGGGCCACCCAGTTCGCTCATGTGAGAGATTGCTGACCTGAC  
 CTTCAACACAGTGGCCTTTGCCGAGTTATGGGTATGGTGTGGCGCGGCTCAACGACAGTGGTAAGAAC  
 TGGCGGCATGTATAACAAGGCTCTGACACTGTTGGACTACCTGCTCAAGACGGGCTCGGAGCGAGTGGCAC  
 ACCAGTCCGTGAGAACCCTACACCATCCAGACTCTCAAGGACTTCCAGTATATTGACCGCGATGGCAA  
 GGACCAAGGCGTCAATGTTGTTGAGAAGGTCAAACAGGTGATGGCCCTTCTCAAGGACGAGGAGCGCCTG  
 CGACAAGAGCGAACCATGCTCTCAAGACCAAAGAGCGAATGGCTCTGGAAGGCATGGGCATTGGCAGCG  
 GGCAGCTGGGCTTCAGCCGAGATCTCGGGCTCCCCCTTTCTTACACATCTGCATCCTCGTCCCGCGG  
 CTATGCCTCAGACTTGGAGCAGCAAGGCCCCAGACTTCTGGAGAAGAGGAGCTGCAGCTACAGCTGGCC  
 TTGGCCATGAGCCGTGAAGAAGCTGAAAAGGGGGGAGATCCTGGAAGGGAGATGACTTTCCAGTGGCCA  
 ATGGCGCGGAACCTGCTGGCCAACGTCGACGGGACAGAGAGCCCGAGAGAGAAGAGAGAAAGGAGGAGGA  
 GAAGCTGAAAAGTACCCAGTCTCCATCCTGGACTTGGCTGATGTCTTCGCACCTGCCCCGGCCCTGCCT  
 TCCACACACTGCTCTGCTGACCCATGGGACATCCAGGTCTCAGGCCGAACACAGAGCCAAGTGGCTCCT  
 CTTGGGGACCCCTGCGAGACCCCTGGTCTCCAGTGCCTCTGGGAATGCCTGTCCCGAAGCCAGCCTTG  
 GGATTTACTTCTACTCTTTCTCTCTGAGCCCTGGGGCAGGACCCAGTGTGCCTTCTGGACCCCCC  
 ATCACAGACCCCTGGGCACCAAGCTCCCTACCCAAAAGTCCCCAGCACTGGAGTGGACCCCTGGGGGG  
 CCTCTGTGGAGAGCTAACACCTCTGCTCTAGTGGTGCCTCGCCCTTCGACCCATTTGCCAAACCTCT  
 AGAATCCACAGAACCATGGAGAGCCGGGACAGTGCCCAAGCCCTGCCCAAGGAAAGTCCCCAGCCCT  
 GTGGAGCTAGACCATTGGAGACTCCAGCCCGAGTTGCAAAACAAAATGGTGTGAAGGAGACTGAAGCTC  
 TTGACCTGGGTGTGCTAGGAGAGGCGCTAACGCAGCAGCCAGGAAAGGAAGCGCGCCCTGCCGACTCC  
 AGAGTCTTCTGGGCCCTCTGCCTCTTCTTTGGTCAACTTGGACTCACTAGTCAAGGCACCCCTGGCT  
 GCAAGGACCCGGAACCCCTTCTTACAGGTCTGAGTGTCCGTCACCCCAATCCGTTTGGCGCAGGCG  
 AACAGGGCAGGCCGACCCTGAACCAGATGCGCACCGGCTCCCTGCGCTGGGCTGCCGCCGGGAGGACC  
 CGTCGGGGTGCCTTTGGGCTCAATGACCTACAGCGCTCCCTGCCCTTCCGCTCAGCAGCGTCCCGGT  
 GGCAGCACCCTCCCGCCTCGGTGAGCGTCTCCACAAGCGGGAGCCTTCGCCCGCCCGCGGCGAGCC  
 TGCCCTAGCCGTTGCTGCCACGTCAGACCCGGTGGGGCCATTGCCCCCGCAGGCTGGCACTAATCCCTT  
 CCT**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001024791
- Insert Size:** 1827 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\\_001024791.1](#), [NP\\_001019962.1](#)

**RefSeq Size:** 3522 bp

**RefSeq ORF:** 1827 bp

**Locus ID:** 360605

**UniProt ID:** [Q4V882](#)

**Cytogenetics:** 10q26