

## Product datasheet for **RN201837**

### **Enc1 (NM\_001003401) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Enc1 (NM_001003401) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Enc1
Synonyms:	Nrpb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201837 representing NM\_001003401  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCCGTGACGTCATGAGAACCAGTCCAGGGCCAGCAGCGGCTCCATCAACATCTACCTGTTTC  
 ATAAGTCTTCTATGCCGACAGTGTTCCTACTCACTTGAACCTTCTGCGTCAGCAGAGGCTCTTTACAGA  
 CGTCTCTTTCATGCGGGAAACAGGACCTTCCCTTGCCACCGGGCAGTGTGGCTGCCTGCAGCCGCTAC  
 TTCGAAGCCATGTTCAAGTGGTGGCTGAAAGAGAGCCAGGACAGTGAAGTGAACCTCGACAATCCATCC  
 ACCCAGAAGTCTTAGAGCTGTTCTGGACTACGCATACTCTCCCGGTCATCATCAATGAAGAAAATGC  
 TGAGTCCCTCCTGGAGGCTGGTACATGCTGGAGTTTCAGGACATCAGGGATGCATGTGCAGAATTCCTG  
 GAGAAGAACCTGCATCCCACTGCTTAGGGATGCTGCTGCTGTCTGACGCCACCAGTGCACCAAGC  
 TGTACGAACCTCCTGGAGAATGTCTGAGCAACTTCAAACCATCCGGAAGAATGAAGATTTTCTCCA  
 GTTGCCCAAGGACATGGTGGTGCAGCTCCTGTCCAGCGAAGAATGGAGACAGAAGACGAAAGGCTGGTG  
 TATGAGTCTGCAATGAACTGGATTAGCTATGACCTGAAGAAACGCTACTGTTACCTCCAGAACTGTTGC  
 AGACAGTGAGGCTGGCCCTTCTTCTGCCATCTATCTCATGGAGAACGTGGCAATGGAAGAACTCATCAC  
 CAAGCAGAGAAAGAGTAAGGAGATTGTGGAAGAGGCCATCCGGTGCAAACTAAAAATCTTACAGAATGAC  
 GGCGTGGTACCAGTCTCTGTGCTCGCCCTCGGAAAATGGCCACGCCCTGTTCTCCTGGGAGGGCAGA  
 CTTTATGTGTGACAACTGACTTGGTAGACCAGAAGGCTAAAGAAATCATTCCCAAGGCTGACATTCC  
 CAGCCCGAGGAAAGAGTTCAGTGCCTGTGCGATTGGCTGCAAAGTGTATATTACTGGGGGGCGGGATCA  
 GAGAACGGAGTCTCAAAGATGTCTGGGTTTATGATACCCTGCATGAGGAATGGTCAAGGCTGCCCCCA  
 TGCTGGTGGCCAGGTTTGGCCATGGATCAGCCGAACCTGAAGCACTGCCTGTATGTGGTGGTGGCACAC  
 AGCTGCAACTGGCTGCCTCCAGCCTCTCCTTCACTCTCTAAAGCAAGTAGAACAATATGACCCACA  
 ACCAACAAATGGACCATGGTAGCCCACTCCGAGAAGGTGTCAGCAATGCTGCTGTAGTGAAGCACAAGC  
 TCAAGCTGTTTCGCTTTCGGAGGTACCAGCGTAAGCCACGACAAGCTTCTAAGGTTCAAGTGTATGACCA  
 GTGTGAAAACAGATGGACAGTTCAGCCACCTGTCCCAAGCCTGGCGTTACACAGCCGAGCTGTGCTG  
 GGGAACAGATTTTTATCATGGGTGGGATACAGAATTCTCAGCCTGCTCTGCTTACAAGTTCAACAGTG  
 AAATTACCAGTGGACCAAGGTAGGAGACGTGACAGCCAAGCGCATGAGCTGCCATGCCGTGGCCTCCGG  
 GAACAAGCTTTACGTGGTTGGAGGATACTCGGCATTACGCGCTGCAAGACGTTGGACTGTTACGATCCG  
 ACTTTAGATGTGTGGAACAGCATAACCACGGTTCCTACTCTCTGATCCCTACCGGTTCTGTCAGCACCT  
 GGAAACACCTGCCTTCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001003401

**Insert Size:** 1770 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\\_001003401.1](#), [NP\\_001003401.1](#)

**RefSeq Size:** 4545 bp

**RefSeq ORF:** 1770 bp

**Locus ID:** 294674

**Cytogenetics:** 2q12

**Gene Summary:** mouse homolog binds actin and may play a role in nervous system induction and development [RGD, Feb 2006]