

## Product datasheet for **MC216128**

### Endou (NM\_008902) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Endou (NM_008902) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Endou
Synonyms:	Pp11r; Tcl-30
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216128 representing NM\_008902  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTAAACTGCTCTATTCATGTGGGGCAACTCAAGTTGGTTTTCAATCCAGAAGGGGCTCCCTGTCTC  
 TTCCTTTTTTACATATTTTTCTTTTTATCTTTGGGTGCAGTGGGCACCAAATGCCAGAATGGTAGA  
 AAATTTGTCACCTGGGGAATTATTTTTGTTTTGTTTTGTTAAGTTTTCCGTCATCTGACCTTGAAAG  
 CCTTCCATTTTTTCAGTCTCAGCCTCCTGTGTGATGGGGGCTGGGATGGGATGTGCGAATACCCTT  
 TCAACACATGTGCTTGCCTCCAGGCTGAAGAAGGACCCAGAGCCAGAGGCATTCTGGATCCAGAGGA  
 CAAGATCCCAACCAGCCACCTCTACTCCGACCGAGCTCTGCCAGGGCCGCTGCCGGAAGCCTACGAC  
 AAGCACCACCTTGCCACTGTAATGACCCTGCCAGAGTTTGGAACTGCTGTGAGGATTTGACAGTC  
 TGTGTGGTGGTATCATGAGGGTTCTCCACAGCAGCGATGCCGTCCTAAGGAGGAGCTTGAGAGCAT  
 CTCGAGACCATCTACAGGGTAGATACCAACAAAGCCAGAAAGGACATTGTGCTCAACAGTCAGAAC  
 CGGATCTCCCATCAGAGACGGGGAACCAAGTGGATCGAAGCCAGAGCCGCTTCTCACTACGTCAACG  
 AGAAGCTGTTCTCCAAGCCTACCTATGCAGCCTTTATCACTTACTCAACAATTACCAGCGGGCCACAGG  
 CCACGGGAGCATTTTCAGTGGCCAGCAACTGGAGGAGCAGGGTGTCTTCTCAGGGAGGTCATGAAGACG  
 GCTGTCATGAAGGAACCTATAGCTTTCTCCATCACAAAACCGTTACAGCTCAGAACAGAGTTTGTGG  
 ACGATTTGAAGAACATGTGGTTTGGGCTGTACTCGAGAGGCAATGATGAAGGGGACTCGAGTGGCTTTGA  
 ACATGTCTTCTGGCGAAGTGAAGAAAGGCAAGGTCCTGGCTTTCATAACTGGATCCGCTTCTACCTG  
 CAGGAGAAGGAGGGTCTGCTGGACTACTACAGTCACAACACTACGAGGGCCCTGGGACTCCTACCCCGATG  
 TCCTGGCCATGCAGTTCAATTGGGATGGCTACTACAAAGAAGTGGGCTCGGTCTTCATTGGCAGCAGCCC  
 TGAGTTGAGTTTGCCTTTACTCTGTGCTTACACAGGCCAGGCAAAAAGTGCCATCTGAGCCTG  
 GGTGGCTATCCTCTGGCCATCCAGACCTACACCTGGGATAAGACCACCTACGAAATGGCAAGAAGTACA  
 TTGCCACAGCCTACGTGGTGTCTTCTTCCCA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_008902

**Insert Size:** 1365 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\\_008902.3](#), [NP\\_032928.1](#)

RefSeq Size: 2404 bp

RefSeq ORF: 1365 bp

Locus ID: 19011

UniProt ID: [Q3V188](#)

Cytogenetics: 15 53.7 cM

**Gene Summary:** Endoribonuclease that cleaves single-stranded RNAs at uridylates and releases products that have 2'-3'-cyclic phosphate termini.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the longer protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.