

## Product datasheet for **MC204029**

### Endog (NM\_007931) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Endog (NM\_007931) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Endog  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >BC030177

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CCACGCGTCCGCTCCTTCACTCTGTGCTAACATCAGTAGCGTCTTGTCCCTCCGGTAGGCATGCGCGCGC
TGGCGGGCCGGCTGACCTAGCGCTGGGCGCGGGGCTGGGCGCCGCGGCAGAGCATTGGCGGCGGGGA
GGGCAAAGCGCCGGGGCTGCTGGCCGAGTGCCATTGTTGCCGGTGGTCGCGGCCGATCTTCCCGCGCTG
CCGGGGGACCGCGGGCGGCACCGGGAACTGGCCAAGTACGGGCTGCCCGGCTGGCGCAGCTCCGGA
GCCGCGAGTCTACGTGCTTAGCTACGACCCGCGCACGCGCGGTGCGCTCTGGGTGTTGGAGCAGCTGAG
GCCAGAGCGGCTCCGTGGCGACGGGGACCGTAGCGCCTGCGACTTCCGCGAGGATGACTCTGTGCACGCG
TACCACCGCGCCACCAATGCGGACTACCGCGCAGTGGCTTTGACCGCGGCCATTTGGCCCGCCGCCCA
ACCACCGCTGGAGTCAGCGGGCCATGGACGACACCTTCTACCTGAGCAACGTAGCGCCTCAGGTGCCACA
CCTCAACCAGAATGCCTGGAACAACCTTGAGAGGTACAGCCGAGCTTACCGGAACTTACCAAAATGTC
TATGCTGCACGGGGCCGCTTTTCTGCCAGGACCGAGGCTGATGGGAAGTCCTATGTGAAGTACCAGG
TTATTGGGAAGAACCACGTGGCAGTGCCACACACTTCTTCAAGGTGCTGATCCTGGAGGCAGCCGGTGG
GCAGATCGAGTACGTTCTACGTGATGCCAATGCCCGTGGATGAGACCATCCCTCTGGAGCGGTTT
CTGGTGCCATCGAGAGCATCGAGCGGGCTCGGGATTGCTCTTTCGTGCCAATATTCTGGCTCGAGCTG
GAAACCTCAAGGCTATCACTGCTGGCAGCAAGTATGTTGGAGGACTCACTGGAGCCCCTGGGGAGATGG
GCTGACTCACATTAAGGCAGTTATTTTGGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_007931

**Insert Size:** 885 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).



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<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><a href="#">BC030177</a></u> , <u><a href="#">AAH30177</a></u>
<b>RefSeq Size:</b>	1036 bp
<b>RefSeq ORF:</b>	885 bp
<b>Locus ID:</b>	13804
<b>UniProt ID:</b>	<u><a href="#">O08600</a></u>
<b>Cytogenetics:</b>	2 B
<b>Gene Summary:</b>	Cleaves DNA at double-stranded (DG)n.(DC)n and at single-stranded (DC)n tracts. In addition to deoxyribonuclease activities, also has ribonuclease (RNase) and RNase H activities. Capable of generating the RNA primers required by DNA polymerase gamma to initiate replication of mitochondrial DNA (By similarity).[UniProtKB/Swiss-Prot Function]