

## Product datasheet for **MC200430**

### Rexo2 (BC003445) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rexo2 (BC003445) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rexo2  
**Synonyms:** 1810038D15Rik; AW107347; Rex2; Sfn; Smfn  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >BC003445

```
>BC003445
GGCGTATCCCTGGGCGCCAGGCTGTTGCGGGGCGTGGGTGGCAGGCGCGGCAGTTCGGGGCGCGAGGTG
TCAGCGAAGGTAGCGCAGCCATGGCGGCAGGGGAGAGCATGGCTCAGCGAATGGTCTGGGTGGACCTGGA
GATGACAGGATTGGATATTGAGAAGGATCAGATTATTGAGATGGCTGCCTGATAACTGACTCTGATCTT
AACATTTTGGCTGAAGGTCCCAACCTGATTATCAAACAGCCGGACGAGTTGCTGGACAGCATGTCAGACT
GGTGCAAGGAGCATCACGGGAAGTCTGGTCTTACCAAGGCAGTGAAGGAGAGCACAGTCACACTGCAGCA
GGCAGAGTATGAATTTCTGTCCTTTGTACGACAGCAGACTCCTCCGGGGCTGTGCCACTGCAGGGAAC
TCAGTTTATGCAGATAAGAAGTTTCTTGACAAACACATGCCCCAGTTCATGAAACATCTTACTATAGGA
TAATTGATGTGAGCACTGTTAAAGAGCTGTGCAGACGCTGGTATCCAGAAGATTATGAATTTGCACCGAA
GAAGGCTGCTTCTCACAGGCACTGGATGACATTAGTAAAAGCATCAAAGAGCTTCAGTTTTACCGAAAT
AACATCTTCAAGAAAAAGACAGACGAAAAGAAGAGGAAAATTATAGAAAATGGAGAAACTGAGAAGCCTG
TGAGTTGATGCCGTTCTCAAGCCGACAGCCTGGCTCTCAGAAGCCACGTTAGCGTCTCTCTCTCTCTGC
TGATCGCTCGACACAGCACCTTTTCTAAAGAAAAAATCTTTTTTCCAGTAACTTTGCATCTTCATA
CTCCTCAAGCAGACATCACTCTTCTGTTTCTTCTAACCTGCTGTTTCTGTTCTGACAGCGGCTCCTTTGT
AAGCTTCAGGCCACCCACCCCTCAGTCCATATCTGCACTTGCTCATAGGCCGTTTCTTTTATTTGA
ATAATAAATAAAGCTAGTTCTATTGAAATGCAAAAAAAAAA
```

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC003445  
**Insert Size:** 618 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="#">BC003445</a></u> , <u><a href="#">AAH03445</a></u>
<b>RefSeq Size:</b>	1023 bp
<b>RefSeq ORF:</b>	618 bp
<b>Locus ID:</b>	104444
<b>Cytogenetics:</b>	9 A5.3
<b>Gene Summary:</b>	3'-to-5' exoribonuclease specific for small oligoribonucleotides. Active on small (primarily <math>\leq 5</math> nucleotides in length) single-stranded RNA and DNA oligomers. May have a role for cellular nucleotide recycling (By similarity).[UniProtKB/Swiss-Prot Function]