

## Product datasheet for MR211807

### Rexo1 (NM\_025852) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rexo1 (NM_025852) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rexo1
Synonyms:	1700021P10Rik; 2610511M11Rik; AW050347; EloA-BP1; Rex1; Tceb3bp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211807 representing NM_025852 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTACGTTCTACCGGCTTCTCCGCTCCATCGACTGCCATACTGGGCGGGAGCTCCCGGGGGCCTT  
GCCGGCGCCCTACTGCCACTTCCGGCACCGGGAGCTCGGGTCCCGGCGCTCCCGGTAGCGGGCGCGC  
AGCATCTCCTGCATCAGGGCTTGGCTATGACCCGTACAACCCAGAGCTGCCCCAGCCTCCTGTGCAGAGG  
GAGAATGGTGCTCTGGGTCAGGGTATGGCATGCTGGAGCTGGAGCTGGTCAACCCAGGCCATCGAGGCTG  
TGCGCGCGGAGGTGGAGCTGGAACAGAGCGCTACCAGGAGCTCCTCGAGACTGCACGGGGCACAGTGC  
TGGGCCTTCAGCCCTGGCGCCTTGACGCCCTGCCACAAGCATAGATGACGATGACACCTTCTCATTGGCC  
CTAACTTACACGCCGGGTGGCCTGCTGAGCCCGGATGCTGCCTACCAGCCACCCCACTGGCTGTCCCTG  
CCGAGCCAGGGCACAAGTACTACTGGCCCTTCAGACAGGAGTCAGGGCAGAGCTGCAGGAGGTGCTGG  
TGCCCTGGAGTATGTCCCAAGGCTGTGGGCCAGCCGCGCGCTGTGGCCGCCCTGTGTCTGGTGGCAAG  
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ACCTTGGCAGGGCCAGTGTAGGGATGAGAGGGCCACCAAGAGACCGCGGGGCTCCAGGGGTGCTGAGCC  
ATACACTCCTGCCCTCAAGAAGCCCTGTGACCCCTTCGGTGGCTGTGAGGCCAGGTCTCAGACTCAGAA  
GATGATGTGACCAAGCCCCAAAGGCTGATGTTAGCAGCCCCAAGGCTGGAGCTGACCCCTGAAAGCAAG  
CACCTGGGAAGCCTGTCTCCAAGGAGGGCAGAGAGCATGAGGACGGTGGCCTGCGGGCACCAGGAGAT  
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CCTGGCTCCCCAGCCAGGGCCTCTCAAGATGCTAGGGTCCCCAAGGAAGTAAAGCCAAAAAGAAAA  
GTGGGACATCAGCCAGCCTCAGCCACAAGGACAAGGTTCCGCAAGAAAGACAAAAAGAAAGAGAAAGCC  
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AAGGCCAGGGGCTGAAGGGACCAAGAAAAGCCATCCTCTGCGACCACAGTGGCCAGCTCAGGAAAAG  
GGGGTACAGCCGCCCTCCAGCACGGGACCTCAGGACTCTGGGCTGGTCCCCATGCACCACTGGCCTG  
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GGAGCCCCCAGGACACCCCTAAGCTCAAGAAACGGGCCCTGAGCCATGCTGAACTATTTGGGGATGAGA  
GTGAGGAGGAGGACTCAAGCCTGGGAGCGGGAGCACCCCGGGTCTGGCCCCGACCTGCCAGCCTTAG  
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ACGCCCCCGACTGCTCAGGAGGTGTGCTACCGCGAGCACAGCTAGCACAGAGGGACTCGGCCAGTTGG  
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GGGGCCTGGTCCCAACACCGTGCACCACTCAGCAAAGCCAGTGGCCGAGGGTTGTGTCTCATAGGT  
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GTGCGCAGTGAGGAGTGTACTACCACTGGGGCGGCTGCGCGGAATCGAGTGGCTGGGGCTGGGAGA  
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ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR211807 representing NM\_025852  
 Red=Cloning site Green=Tags(s)

MLRSTGFFRSIDCPYWAGAPGGPCRPPYCHFRHRGARGPGAPGSGGAASPASGLGYDPYNPELPQPPVQR  
 ENGALGQGDGMLELELVNQAI EAVRGEVELEQRRYQELLE TARGHSAGPSALAPCSPATSIDDDTFSLA  
 LTYTPGGLLSPDAAYQPTPLAVPAEPGHKYS LAPSDRSQGRAAGGAGALEYVPKAVGQPRRCGRPVSGGK  
 YVVDSSKPDSTLDLEYP LSNYSARHLGRASARDERATKRPRGSRGAEPYTPALKKPCDPFGGCEARFSDSE  
 DDVTSPPKADVSSPKAGADPESKAPGKPVSKEGREHEDGGLRGTKEMAVQYDVEDLGQPPKAPDTVSVVK  
 PGSPARASQDARVPKEGKAKKKKSGTSASLSHKDKVRKKDKKKEKDPARPRGKEKVCTDKKKLPASNPRG  
 KAQGPEGTKKKPSSATTVASSGKGGSGRPSSTGPQDSGPGPHAPLAWKAGSAKKMSSGKLVERKARSLDE  
 GAPQDTPKLLKRALSHAELFGDESEEDSSLGAGAPRVWPPTLPSLSSDSESDSSSLGLDETKVPKRLK  
 AAPPASVPPSP LSSSSSSGASQCAEEDVDYSALEKEVDFDVPMEELRIFNESTSVKTEDKGRLARQ  
 PPKEAEKETHAGLTTLFPGQKRRVSHLCKPGKESEAPK RTPVAPPARPPTAQEVCYRRAQLAQRDSASW  
 LQAAPRPTERLSSVHISAPGEKRRIAHVNPRLAAAPTGAKRAL SASSSQASHGPEPGSQPLKTRTSLSGM  
 ASKTTTTVTPKRIAHSPSLQSLKPKVIPKEFGGKVPTVVRQRYLNL FIEECLKFCSSNQEAIEKALNEEK  
 VAYDRSPSKNIYLNVAVN TLKLRGLVPNTV PNL SKASGRRVV SHEVVLGGKLAAKT SFSLSRPSSPRVE  
 ELKGTALYSRLREYLLTQEQLKENGYPFPHPERPGGAIIFTAEKKPKDPSRICCRCCGTEYLVSSSGRC  
 VRSEECYHWRGLRRNRVAGGWETQYMCCSAAVGSVGCQVAKQHVQDGRKENLEGFVRTFQKELPEDAHA  
 GVFALDCEMSYTTYGLEL TRVTVD TDMQVYD T FVKPDNEVVDYNTRFSGVTEADLVDTSITLRDVQAV  
 LLSMF SADTILIGHSLESDLLALKVIHGT VVDTSVLFP HRLGLPYK RSLRNL MADYLRQI IQDNVDGHSS  
 SEDASACMHLVIWKIREDAKTKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9040\\_f07.zip](https://cdn.origene.com/chromatograms/mm9040_f07.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

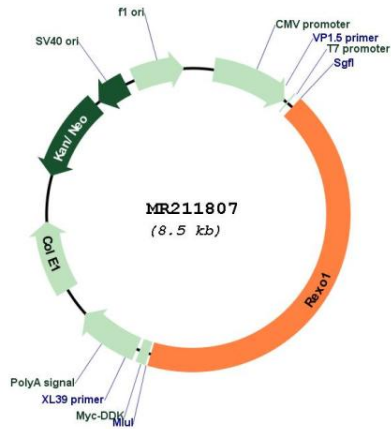


**ACCN:** NM\_025852

**ORF Size:** 3639 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_025852.3</a> , <a href="#">NP_080128.2</a>
<b>RefSeq Size:</b>	5249 bp
<b>RefSeq ORF:</b>	3642 bp
<b>Locus ID:</b>	66932
<b>UniProt ID:</b>	<a href="#">Q7TT28</a>
<b>Cytogenetics:</b>	10 C1
<b>MW:</b>	131.2 kDa
<b>Gene Summary:</b>	Seems to have no detectable effect on transcription elongation in vitro.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211807