

Product datasheet for **MR206420**

Rexo4 (BC060147) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rexo4 (BC060147) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rexo4
Synonyms:	Gm111; Rex4; Xpmc2h
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206420 representing BC060147 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAAGACGAAGGCCACCGCGCCGGTGCCCAACCTGGGCTATCAGGAAGCTCGCTAGGAAGAAAGCCA
 AGAAGAAGTTCAGGAAGAGCAAAGCTCTGGCAGGAAGTGGTGTCCGGGAAGCCACCCGGCGGCTGTGGC
 AGGCCGACCGCCGAAGGCCCGGAGAATTTCTCAAAATTGGAAGGCGTTGCAAGAGCTACTGAAACAA
 AAGTCACAGGCCGAGAAAAACCTCTTGCTCTCAGATGGATGACAAAATGCACCCCAAATAATCCAGC
 AGAACAGAAAAAGGCCTCAGATAAATCAAAGGGAGACAAGCAGAGGACAGAAAAGGCCAAGAGCACTAG
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 TGTGGATCCAGATGATATTGAGGATGCCATAGGCCAGAGGCAGCCATGCTGGTACGGAAGAGGCTGGGG
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 GTATGGGAAGTGTGTTTATGACAAGTACGTCAAGCCAAGTGAAGAGTGAAGTGAAGAGGAAGTGGCAGAAA
 AGTGGGATCCGGCTGAGAACCTGAAGCAGGGAAGAGTTTGAAGTTGTGAAGAGGAAGTGGCAGAAA
 TGTTGAAGGGCAGAAATCCTGGTGGGCATGCGCTACACAATGATTTAAAGGTTTTGTTCTTGACCATCC
 AAAAAAGAAAATCAGGGACACTCAGAAATCAAACCATTCAGGAGTCGAGTAAAGAGTGGACGACGCTCT
 CTGAAACGGCTTTCTGAGAAAATCTGGGGATCAGGGTCCAACAGGCCGAGCACTGCTCAATCCAGGATG
 CCCAGGCAGCAATGAGGCTTTACGTATGGTGAACGGGAATGGGAGAGCAGTACTGCAAACCGCGTGC
 CCCAGCTGCCACTCCACAGCACCGCATCAAGAATCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR206420 representing BC060147
 Red=Cloning site Green=Tags(s)

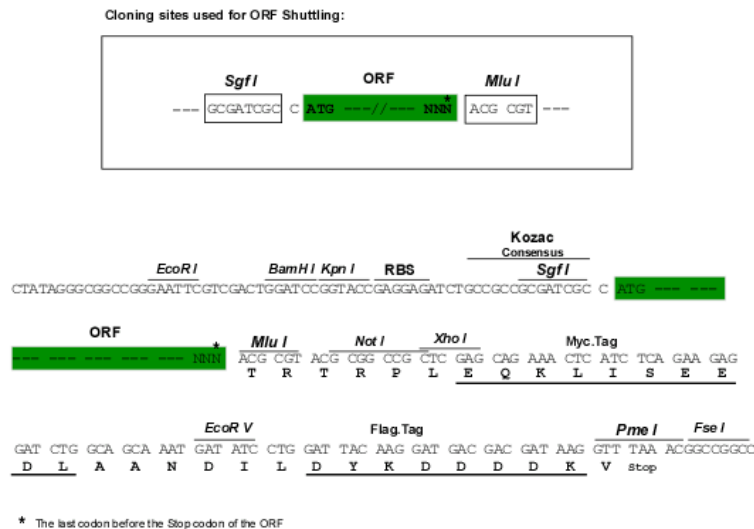
MKTKATAPVPQPGPIRKLARKKAKKKFRKSKALAGSGVPGSHPAAVAGRPPKAPENFSQNWKALQELLKQ
 KSQAAEKPLVSQMDDKMHPQIIQQNRKKASDKSKGDKQRTAKSTRGSVTSAPTDRKILVPPTDTSGTE
 QKKGAKKRTYSDISSHQGALKPKWKATEAAVILNQPTTEEDIWFDVDPDDIEDAIGPEAAMLVRKRLG
 QKKRTISLEKEQAFGGLTKALALDCEMVGVGPKGEESIAARVSIYNQYKCVYDKYVKPTEPVTDYRTAV
 SGIRPENLKQGEFEVVKKEVAEMLKGRILVGHALHNDLKVLFLDHPKKKIRDTQKFKPFRSRVKSGRPS
 LKRLSEKILGIRVQQAHCISIQAQAAMRLYVMVKREWESSTANRRAPAATPQHRINKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9043_b11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC060147

ORF Size: 1227 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC060147.1](#)

RefSeq Size: 2280 bp

RefSeq ORF: 1229 bp

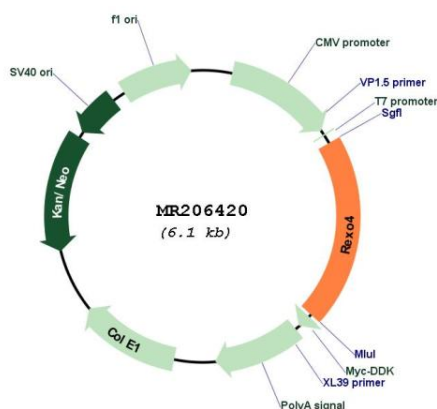
Locus ID: 227656

Cytogenetics: 2 A3

MW: 83.6 kDa

Gene Summary: May function as an exonuclease.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206420