

Product datasheet for **MC200116**

1500015O10Rik (NM_024283) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1500015O10Rik (NM_024283) Mouse Untagged Clone
Tag: Tag Free
Symbol: 1500015O10Rik
Synonyms: Ecr4
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC002254 sequence for NM_024283
 CCCACGCGTCCGCGGACGCGTGGGTTGCAGCAGACCCCGCAGGGCAGTGTGCCTCGGTGGCATTGAACTGA
 AGCTTGGCTCTCGGCTGGCCTGCTGGCTAGTTGCCACCCTGTGGGTCCGCCCAGAGCAAGGATACTG
 GAGCTTTCGCCTGCCCTCCCTGAGCCTGGGTCTCCACTCCAGTCATCCCTCCAGCTACTTTGCAGCACTCT
 GTCGCCATGAGCACCTCGTCTGCGCGGCCCTGCAGTCTGGCCCTTGCCGGGCTGGCTCTGCTCCTTCTGC
 TGTGCCTGGTCCAGATGGCATAAGTGGAAACAACTCAAGAAGATGCTCCAGAAACGAGAAGGACCTGT
 CCCGTCAAAGACTAATGTAGCTGTAGCCGAGAACACAGCAAAGGAATTCCTAGGTGGCCTGAAGCGTGCC
 AAACGACAGCTGTGGGACCGTACGCGGCCGTGAGGTACAGCAGTGGTACCAGCAGTTCCTCTACATGGGCT
 TTGATGAGGCTAAATTTGAAGATGATGTCAACTATTGGCTAAACAGAAATCGAAACGGCCATGACTACTA
 TGGTGACTACTACCAGCGTCATTATGATGAAGATGCGGCCATTGGTCCCCACAGCCGGGAAAGCTTCAGG
 CATGGAGCCAGTGTCAACTATGATGACTATTAAGCTTCCTGAGGTGCCACAGAGCTTGTGCCTGCTTCA
 GTAGGCCCTTCTACCTATACCAGTGACCATCAGGCTAAAGGAAAGAATAAAGTGCTTTTTGCATTTTC
 ATGCATGTGCTTAAACGATATGTCTCACTTAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_024283

Insert Size: 447 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).



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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: [BC002254](#), [AAH02254](#)

RefSeq Size: 867 bp

RefSeq ORF: 447 bp

Locus ID: 78896

UniProt ID: [Q99LS0](#)

Cytogenetics: 1 C1.1

Gene Summary: Probable hormone that may attenuate cell proliferation and induce senescence of oligodendrocyte and neural precursor cells in the central nervous system (PubMed:20404145). ECRG4-induced senescence is characterized by G1 arrest, RB1 dephosphorylation and accelerated CCND1 and CCND3 proteasomal degradation (PubMed:20404145).[UniProtKB/Swiss-Prot Function]