

## Product datasheet for MC206935

### 1810054D07Rik (BC020085) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	1810054D07Rik (BC020085) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	1810054D07Rik
Synonyms:	RP23-17O21.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206935 representing BC020085. Blue=ORF Red=Cloning site Green=Tag(s)

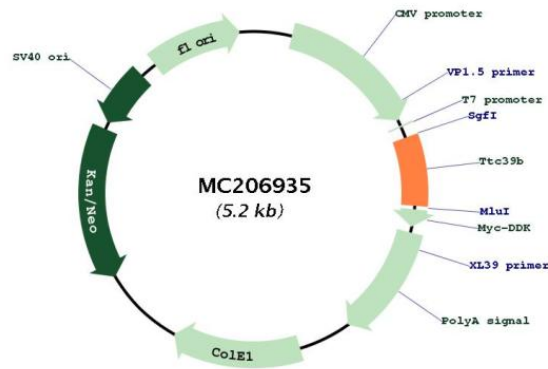
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGAACCTGAAATATAATGTAAAGGGCACATCAGACTTTATCATCATGGAAGATAGACTTCACACT
GAATGGTCCTCTCTGACCTGGACAGCCTTTACATGGGGAACAATTTAAATCCATCCCAATCCATTTCT
AAAACCTCATTGCTGCAGGAAGAAGCAGCAAGAAGAGCTCTTCTGTGATTGAGGTGGCTGAGCAGGTT
CTTAGCCTTAACCATGCAGAAGAAGGATTCGTGGATGCAGCCCCATCCCCTTCTAATTGCACTGTGTAC
AGTGACAGAGTCAGCACAGTATTGCTGCGACAGGACTTTGTGTCAAAGATCAAAGCAGCTGCCTCACT
GTGTTTAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



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## Plasmid Map:



ACCN: BC020085

Insert Size: 357 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).

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: [BC020085](#)

RefSeq Size: 641 bp

RefSeq ORF: 356 bp

Locus ID: 69863

Cytogenetics: 4 C3

MW: 13.2 kDa

**Gene Summary:** Regulates high density lipoprotein (HDL) cholesterol metabolism by promoting the ubiquitination and degradation of the oxysterols receptors LXR (NR1H2 and NR1H3).  
[UniProtKB/Swiss-Prot Function]