

Product datasheet for **MG200536**

1810054D07Rik (BC020085) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1810054D07Rik (BC020085) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 1810054D07Rik
Synonyms: RP23-17O21.2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200536 representing BC020085
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGAACCTTGAATATAATGTAAGGGCACATCAGACTTTATCATCATGGAAGATAGACTTCACACTG
 AATGGTCTCTCTGACCTGGACAGCCTTTCACATGGGGAACAATTTAAATCCATCCCAATCCATTCTAA
 AACCTCATTGCTGCAGGAAGAAGCAGCAAGAAGAGCTTCTGTGTATTGAGGTGGCTGAGCAGGTTCTT
 AGCCTTAACCATGCAGAAGAAGGATTTCGTGGATGCAGCCCATCCCTTCTAATTGCACTGTGTACAGTG
 ACAGAGTCAGCACAGTATTGCTGCGACAGGACTTGTGTGCAAAGATCAAAGCAGCTGCCTCACTGTGTT
 TAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200536 representing BC020085
 Red=Cloning site Green=Tags(s)
 MLNLKYNVKGTSDFIIMEDRLHTEWSSLTWTAFHMGNNLNPSQSISKTSLLQEEAARRALLCIEVAEQVL
 SLNHAEEGFVDAAPSPSNCTVYSDRVSTVLLRQDFVCKDQSSCLTVFK

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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 , AAH20085
RefSeq Size:	641 bp
RefSeq ORF:	356 bp
Locus ID:	69863
Cytogenetics:	4 C3
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]