

Product datasheet for MC207197

2700059D21Rik (BC082305) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 2700059D21Rik (BC082305) Mouse Untagged Clone
Tag: Tag Free
Symbol: 2700059D21Rik
Synonyms: MGC90611
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC082305
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGTGGGAGCCACTCTGAAAAGGACTCTGGATTCGACCCGCTGCTGAGCCCCGCATCTCCGAAGC
GGAGGCGGTGCGCGCCTTTGTCGGCGCCGGCTTCGGCTGCCGCCCTCCCTGCCGCCACCGCCCGCC
CGCCGCTCGGCCGCGCCGCTCGCCGAGAAGTATCTCCGGATGGAGCCTTCCCCTTCGGCGACGTC
TCTTCCCGGCTCACCACAGAACAATTCTGTACAACATAAACAGGAATAAACGCATGCAGAAGAGAA
GACATTTAGAAGCTAGTTTTAGCAGGCAGATCCAGGTTGACTTCCGATTCACAGCCACATGCATTTCT
CATCAGTGGACCAGCATCACCAGGTAATAACCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC082305
Insert Size: 3637 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: [BC082305](#)

RefSeq Size: 4096 bp

RefSeq ORF: 386 bp

Locus ID: 433693

Cytogenetics: 4 A5

Gene Summary: Forms a complex with YWHAB that acts to repress transcription of DUSP1 (By similarity). Required for embryonic development and the innate immune response. Downstream effector of the Toll-like receptor (TLR), TNF and IL-1 beta signaling pathways leading to the production of IL-6.[UniProtKB/Swiss-Prot Function]