

Product datasheet for MG200287

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OriGene Technologies, Inc.

LOC245297 (NM 001018086) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: LOC245297 (NM_001018086) Mouse Tagged ORF Clone

Tag: TurboGFP

Symbol: LOC245297

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG200287 representing NM_001018086
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGCCGGACCAGATCTCCGTGTCCGAATTCGTGGCCGAGACCCTTGAGGACTACATGGCGCCCACGGCCTCTAGCTTCACCACGCGCACGGCCCAGTGCCGGAACACCGTGGCGGCCATCGAGGAGGATGCAGTGACTTATGATGATGTGCACGTGAACTTCACTGGGGAAGAGTGGAATTTGCTGAATCCTTCCCAGAAGAGTCTCTACAAAGATGTGATGCTGGAGACCTACTGGAACCTCACTGTTATAGGTGCTGGAAGACCTGTGGAAACACAAG

GAGTTCACCAACCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200287 representing NM_001018086

Red=Cloning site Green=Tags(s)

 ${\tt MPDQISVSEFVAETLEDYMAPTASSFTTRTAQCRNTVAAIEEDAVTYDDVHVNFTGEEWNLLNPSQKSLY}$

KDVMLETYWNLTVIGAGRPVETQGVHQP

TRTRPLE - GFP Tag - V

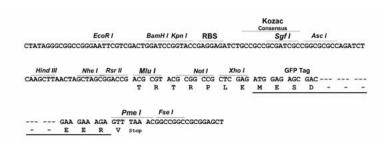
Restriction Sites: Sgfl-Mlul



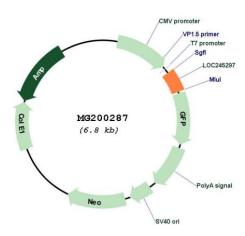


Cloning Scheme:





Plasmid Map:



ACCN: NM_001018086

ORF Size: 294 bp



LOC245297 (NM_001018086) Mouse Tagged ORF Clone - MG200287

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.

RefSeq: <u>NM 001018086.2</u>, <u>NP 001018096.1</u>

RefSeq Size: 3243 bp
RefSeq ORF: 296 bp
Locus ID: 245297

Cytogenetics: 12