

Product datasheet for MR201328

Rnf181 (NM 025607) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Rnf181 (NM 025607) Mouse Tagged ORF Clone

Tag: Myc-DDK Symbol: Rnf181

Synonyms: 1700047F16Rik; 2500002L14Rik; 6230415N01Rik; C77350

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)ORF Nucleotide>MR201328 ORF sequence

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCGTCTTATTTTGATGAGCACGACTGCGAGCCGTTGAACCCTGAGCGTGAGGCCCGCAACAATATGT TGCTGGAACTCGCGAGAAGAGTGCGCGGGGCCTTGGAGCTCGGGCCCCGGGCGGCAGATCACTCTTTAATAG GATGGACTTTGAGGACCTTGGGATTGGTAGATTGGGAACACCACCTTCCCCCACCAGCTGCCAAGGCTGTG GTGGAGAGCCTCCCTAGAACAGTCATCAGTAGCGCCAAGGCTGATCTCAAGTGCCCCGTGTGCCTTTTGG AATTTGAGGCGGAGGAGACTGTGATTGAGATGCCCTGCCATCATCTCTTCCATTCCAACTGCATTCTGCC CTGGCTAAGTAAGACAAATTCCTGCCCTCTGTGCCGCCATGAGCTGCCCACTGATGATGACAGCTATGAA GAGCACAAGAAAGACAAGGCTCGCAGGCAGCAGCAGCAGCACCGCCTGGAGAACCTCCACGGAGCCATGT

ACACG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201328 protein sequence

Red=Cloning site Green=Tags(s)

MASYFDEHDCEPLNPEREARNNMLLELARRVRGAWSWAPGGRSLFNRMDFEDLGLVDWEHHLPPPAAKAV VESLPRTVISSAKADLKCPVCLLEFEAEETVIEMPCHHLFHSNCILPWLSKTNSCPLCRHELPTDDDSYE

EHKKDKARRQQQQHRLENLHGAMYT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

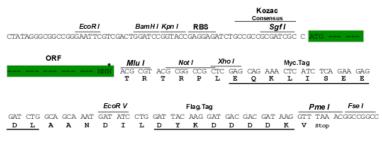
CN: techsupport@origene.cn

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Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_025607

ORF Size: 495 bp

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>NM 025607.4</u>

RefSeq Size: 1397 bp RefSeq ORF: 498 bp Locus ID: 66510



UniProt ID: Q9CY62

Cytogenetics: 6 C1

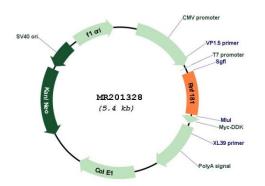
MW: 19.1 kDa

Gene Summary: E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme

in the form of a thioester and then directly transfers the ubiquitin to targeted substrates.

[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201328