

Product datasheet for RN209560

Rnf181 (NM_001007647) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf181 (NM_001007647) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnf181
Synonyms:	MGC94464
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209560 representing NM_001007647 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCTTATTTTATGAGCAGGACTGCGAGCCGTTGAACCCTGAGCGTGAGGCCCGCAACAATATGT
TGCTAGAAGTACGCGAGAAGAGTGCAGCGGGCTTGGAGTTGGGCCCTGGCAGCAGATCACTCTTTAATAG
GATGGACTTTGAGGACCTGGGATTGGTAGATTGGGAACACCACCTTCCCCACCAGCTGCCAAGGCTGTG
GTGGAGAGCCTCCCAGAACAGTCATCCGTAGCTCCAAGGCTGAGCTCAAGTGTCCCGTGTCTTTTGG
AATTTGAGGAGGAGGAGACTGTCTTGGAGATGCCCTGCCATCATCTCTTCCATTCCAAGTGCATTCTGCC
CTGTTAAGTAAGACAAATTCCTGCCCTGTGCGCCATGAGCTGCCACCGATGACGACGTTATGAA
GAGCACAAGAAAGACAAGGCTCGGAGGCAGCAGCAGCAGCACCGCTGGAGAACCTCCATGGAGCCATGT
ACACGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001007647
Insert Size:	498 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).



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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:	<u>NM_001007647.1, NP_001007648.1</u>
RefSeq Size:	1831 bp
RefSeq ORF:	498 bp
Locus ID:	297337
UniProt ID:	<u>Q6AXU4</u>
Cytogenetics:	4q31
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]