

Product datasheet for **RN216667**

LOC100364769 (NM_001177828) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC100364769 (NM_001177828) Rat Untagged Clone
Tag:	Tag Free
Symbol:	LOC100364769
Synonyms:	LRRG00136
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216667 representing NM_001177828
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACAAAGATACTAAGGAAAAATATGAAGAGAAACAACAGGAAGCCAAGTGTCCTGGTAACCTGAGCA
 CAGGAGCTGCAGATAAGAGGAGACATCTTAACCACAAGGTGGGCAAGAGAGCTGGCCACAGGATCATAGA
 TCTTGGACCTCAACTGGGCAGCAGGGTAGAGCTGGCCCTGAGTCAGAGCTTTGAATTGGTCCACCCCAAC
 ATCGATTCTATCGATGAACTGCTGGAGTACATGAAGGGGGTCAGTCCTGCAGATCCAAACTACAGAATC
 TCCATGACACCAACAAGATATCCAGAGGAGTCTAACTCCAAGAGCAATGCCAAAAGACACTGGCCCC
 AGAGAGGAAGAAAGAGTCAAAGCAGTCCCTCAACCACAGAAGAAGACTGGAAACTGACAAACACCAACAC
 TATGGACCAAGCATCTCCAGGAATGTGTGCAGTCAGTCCTGGGAAGGACTACCAGGCTCCCTGACTT
 GTAGGGCTGGATATTTGGTGATCAGCGGAAAAAGCAACTGGATCGGCTTTTAAAGCCGGCCCGCCGCCG
 CGGGACACTGGCGAGCGCAGAGAACCGGGCCCGCGCGTCCGCGCGTCAACGTGCCGACGTCCGGCGC
 GTCGGCGCGAGCGTCAGTCCGCCCCCTGCCAACCCCTGCCGAGACAAGGCAGTCGGTGGAGTCACAGG
 TAAAGATCTCTGTGATGTGTGAGTTTACAGTCCTGCTTCCGTGCTGTACATCAATGCATGTATTGA
 TGTCAACCAACGCCGACGTATCCGAGTACTGCCCCCAAAACCAAGACTCTACGGAGTCGCGCCA
 GGCCACCAGCAGAAGCGGAAAGTGCTGAAGGCCGGCAAGCTGTGCACTCTCTGGCAAGTGGTCTGGCCC
 CTCAGAACCTCAAGCTCCTTGTCTATAGAGCAGAGGTGGCCATCTCAGATGTGGAGGGCTGAGTTGGG
 AAGACCAAGAAGAGTCGACATCGACATCGAAGGATCAAAAGTGACGTCCTGTGAATGCTGGGCCACCA
 CAGGCCAGTTATCCCTGTGGTAACTTTCTGACACTTCTGCTTAAACCCCAAGGAGGTTTCTGTCCT
 CCCTGAACCTGCCTTGGGACACCTGCATCACCATTGGCAGGTGTACGGTCCAGTCAAACTCCACCT
 GGCACTGTCCCTGCGCTGCATGAGAGGACCTGTGCTTGGCACCAGAGCAGGCAAACTTAGAGACAGAAAT
 ACAGATGTTACACAGCAGCGTTACACAACATCTTCTGAAGAGACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001177828

Insert Size: 1311 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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: NM_001177828.1, NP_001171299.1

RefSeq Size: 1311 bp

RefSeq ORF: 1311 bp

Locus ID: 100364769

Cytogenetics: 1q42