

Product datasheet for **RN216886**

LOC100363193 (NM_001177824) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC100363193 (NM_001177824) Rat Untagged Clone
Tag:	Tag Free
Symbol:	LOC100363193
Synonyms:	LRRGT00076
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN216886 representing NM_001177824
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCAGAGCTCAATGACATGCCCGATCAAAGCAATATGGAATCTCCATACATTAGAAAGCAGCTGGCGA
 AAGTCAGCAAATACAATGAATGGCAGTCAATTTCCCAACATGTCTGAGCTGGAAGGCCGGAGAGGGAGC
 AGTAGCCAGAGCACCAATACCTGACGAAGCACCAGCAGCTGGAAGTGGAGAGCCAGAGGGGACAACGGCA
 ACTGGAAGTGAAGAGCCAGGAGAACTGGAGCAGCTGGAGCATTAGGAGAAATAATGGCAATTCATGCTA
 GAGATAGCCAGGTTCAAGGTCGATGGACGCTGGTTTTGAGCCAACCAATCAACAAGTATTGTCTGTTCT
 CCTTGCTTCCATGTCACCACTTGTCAAGACACCATAACCTCTCAACAGTGTGACCGAAGACTTCAC
 ACTGGTCTCCCTGTGTCTAATGTTAGGCCAGCAGAATCTGCTTTTACACACTAGATACTCTCTCCTG
 GGAATTTGGAGAATATTGAAGGCCATTGGTGGAACTATATTTCAAACCTAAAGAAGCTAATGCCTTGGA
 TTATCTCAATCCATCAATTGTAAGTACGAAGAATCAGGTGACCCAGTGTACAATACTTTCTATAAGTTG
 GGAGAAAAATTTGAAAAATGACTTTGCTGGCTTGTGTTCTTAATATCTCTGGAAAAATGGATAAGAGTAA
 AGGCTACTATTATGGTTGAAAGGCTAAATGGAAGCCTTTAGAATTGCCTCTGCCAAAGAAAAATAGTGAA
 TCAAAAACAGTATTGTATTCTGAAGGAATTGCAGAACTACTGCCACCATCAAGGACTTAAAGGATGCA
 GGGGTGGTGGTTCCACACATCTCCCTTTAACTCTCCTATTGGGCCAGTGCAGAAAACAGATGGATCAT
 GGAGAATGACAGTTGAATATCGAAAATAAATCAGGTAGTAACCTCAATTGCAGCTGCTGTACCAGATGT
 AGTTTCATTACTTGAGCAAAATTAACACACCTCCGGGTACCTGGCCATTTACCAATGACTTGGAAAGCT
 GCTAGCTTTGTGTGGGTCTGGAACAGAAGGCCCTACAACAGGTCCAGGCAGCTGTGCAGGCTGCTCTAC
 CACTTGGACCATGTGATCCAGCTGACCAATGGTACTTGAGGTGTTGGTGGCAGATAGAGATGCTATTG
 GAGCCTCTGGCAGACCCCTGTAGCCAATGGATTGGCTGGATGGTCAGGGACTTGGAAAGATCATGATTGG
 AAAACTGGTGAGAAAGACATCTGGGTAAAGAAGTACGTGGACAGATCTCTCTAAATGGGCAAGGATGTAA
 AAATACTTGTGACCCATGTAAATGCTTACCAAAAAGTGAATTTAGCTGAGGAGGAGTTCAATAATCAAGT
 GGATATGATGACCCGTTCTATAGACAGTCATCCTTTCCCGAGCCATCCCTGTCATTGCTCAATGGGCA
 CATGAACAAGTAGCCATGGTGGCCAAGATGGAGGTTATGCTTGGGTTCAACATCATGAACCTCCACTCAC
 CAAGGCTGACCTGGCTACAGCTGCTGCTGAATGCCAGATCTGCCAACAGCAGAGCCCCCAGATATGGCAC
 CATTTCTTTGGTGACCACTCAGCAACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001177824

Insert Size: 1641 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_001177824.1, NP_001171295.1

RefSeq Size: 1641 bp

RefSeq ORF: 1641 bp

Locus ID: 100363193

Cytogenetics: Xq21