

Product datasheet for **MG216664**

Lrrc57 (NM_001159612) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrrc57 (NM_001159612) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Lrrc57
Synonyms: 2810002D13Rik; AA407405
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG216664 representing NM_001159612
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTAAACAGTGCTCTCCGTGCTCATGTGAAACAGCGCAGAAAACGGTGTCTTTCAGCTTAAAGACC
 GTGGTCTGACCGAGTTCCCCTCAGAGTTGCAGAAGCTGACAAGCAATCTTAGGACCATCGATTTATCCAA
 CAACAAGATTGACAGCCTACCGCCTCTGATAATAGGAAAGTTCACTCTGCTAAAGAGCCTCTCCCTCAAC
 AACAACAACTGACTGTTCTACCTGATGAATTATGCAATCTGAAAAACTAGAGACACTAAGTCTCAACA
 ACAATCACCTGAGAGAGCTACCATCTACCTTTGGGCAGTTGTCTGCCCTGAAGACGCTGAGCCTCTCTGG
 GAATCAGCTGGGAGCATTACCCCCCAGCTTTGTTGCCTGAGACATCTAGATGTAGTAGATCTCTCTAAA
 AACCAGATTCCGAGTATACCTGACACAGTTGGGGAGCTGCAGGCCATCGAACTCAATCTCAACCAGAACC
 AGATCTCTCAGCTCTCTGTGAAGATATCCTGCTGTCTCGCCTCAAGGTCTCCGGCTGGAAGAGAACTG
 CCTTGAGCTCAGCATGCTTCCACAGAGCATCCTCAGTACTCCAAATCTGCCTGCTTGCTGTGGAAGGC
 AATCTCTTTGAAATAAGAAACTTCGAGAACTAGAGGGTTATGATAAGTACATGGAGAGGTTACAGCCA
 CCAAGAAGAAATTTGCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


[View online »](#)

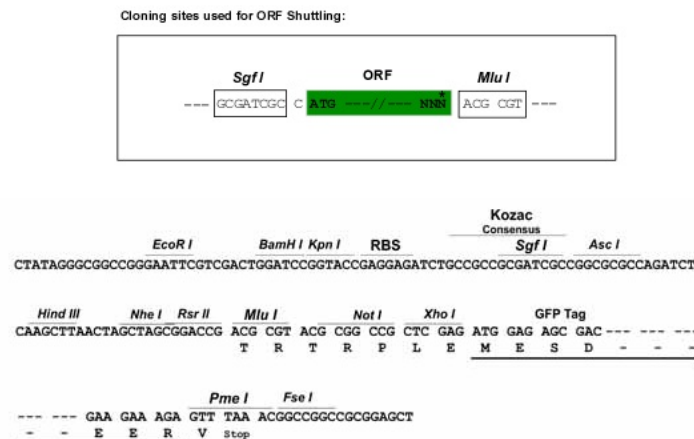
Protein Sequence: >MG216664 representing NM_001159612
 Red=Cloning site Green=Tags(s)

MGNSALRAHVETAQKTGVFQLKDRGLTEFPSELQKLT SNLRTIDLSNNKIDSLPPLIIGKFTLLKSLSLN
 NNKLT VLPDEL CNLKKLETL SLNNHREL PSTFGQLSALKTSLSGNQLGALPPQLCCLRHLDVVDLSK
 NQIRSIPDVTGELQAIELNLNQNIQISQLSVKISCCPRLKVLRL EENCLELSMLPQSILSDSQICLLAVEG
 NLFEIKKLRELEGYDKYMERFTATKKKFA

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001159612

ORF Size: 717 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: [NM_001159612.1](#), [NP_001153084.1](#)

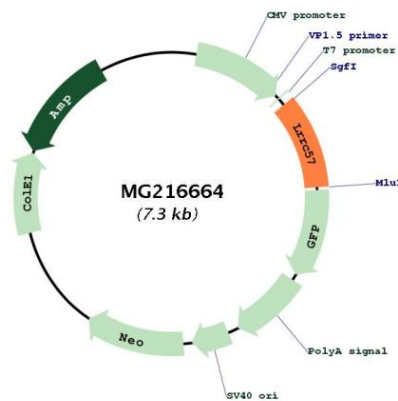
RefSeq Size: 1982 bp

RefSeq ORF: 720 bp

Locus ID: 66606

Cytogenetics: 2 E5

Product images:



Circular map for MG216664