

Product datasheet for MR216645

Lrrc57 (NM_001159609) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrrc57 (NM_001159609) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lrrc57
Synonyms: 2810002D13Rik; AA407405
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR216645 representing NM_001159609
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGTCACAGGGCGTTCCTGCCCGGGCGGAAGCCCTGGGAGCGGTCTCAGGGAAGTCTGAGCCGTGGCG
 CTAGGATGGGTAACAGTGTCTCCGTGCTCATGTGAAACAGCGCAGAAAAGTGGTGTCTTTCAGCTTAA
 AGACCGTGGTCTGACCGAGTCCCTCAGAGTGCAGAAGCTGACAAGCAATCTTAGGACCATCGATTTA
 TCCAACAACAAGATTGACAGCCTACCGCCTCTGATAATAGGAAAGTTCCTCTGCTAAAGAGCCTCTCCC
 TCAACAACAACAAGTACTGTTCTACCTGATGAATTATGCAATCTGAAAAAGTCTAGAGACTAAGTCT
 CAACAACAATCACCTGAGAGAGCTACCATCTACCTTTGGGAGTGTCTGCCCTGAAGACGCTGAGCCTC
 TCTGGGAATCAGCTGGGAGCATTACCCCCAGCTTTGTTGCCTGAGACATCTAGATGTAGTAGATCTCT
 CTA AAAACAGATTCCGGAGTATACCTGACACAGTTGGGGAGCTGCAGGCCATCGAACTCAATCTCAACCA
 GAACCAGATCTCTCAGCTCTCTGTGAAGATATCCTGCTGTCTCGCCTCAAGGTCCTCCGGCTGGAAGAG
 AACTGCCTTGAGCTCAGCATGCTTCCACAGAGCATCCTCAGTGACTCCCAAATCTGCCTGCTGTGG
 AAGGCAATCTCTTGAATAAAGAAACTTCGAGAACTAGAGGGTTATGATAAGTACATGGAGAGGTTAC
 AGCCACCAAGAAGAAATTTGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216645 representing NM_001159609
 Red=Cloning site Green=Tags(s)

MMSQGVPARAEALGARLREL SRGARMGNSALRAHVETAQKTGVFQLKDRGLTEFPSELQKLT SNLRTIDL
 SNNKIDSLPPLIIGKFTLLKSLSLNNNKLTVLPDELCNLKLETLSLNNHLREL PSTFGQLSALKTSL
 SGNQLGALPPQLCCLRHLDVVDLSKNQIRSIPTV GELQAIELNLNQNQISQLSVKISCCPRLKVLRL
 NCLELSMLPQSILSDSQICLLAVEGNLFEIKKLELEGYDKYMERFTATKKKFA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001159609

ORF Size: 792 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.

RefSeq: [NM_001159609.1](#), [NP_001153081.1](#)

RefSeq Size: 1915 bp

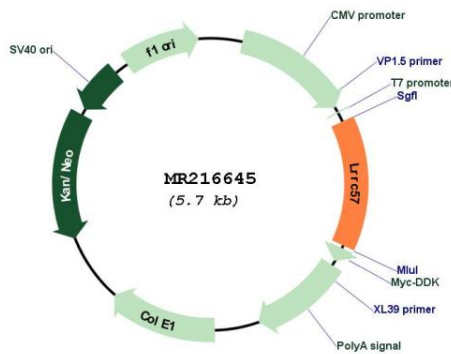
RefSeq ORF: 795 bp

Locus ID: 66606

Cytogenetics: 2 E5

MW: 29.8 kDa

Product images:



Circular map for MR216645