

Product datasheet for MR221226

Ldlrad1 (NM_001081272) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ldlrad1 (NM_001081272) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Ldlrad1
 Synonyms: OTTMUSG00000008594
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR221226 representing NM_001081272
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGAGCGTGGGCTGTGAGAGAGCAGAATTTTGCCAGCCTGCTTCTGGTTTCTTGCCAGGCAGATGCCG
 AGAGTAACATCACCCTAGAAGGAAAGCCCGCCCTGGAGATGAAGGCTGTGGTCCACTCTGCTGCTCAG
 CCGTGGAGCCTGCCTCTCGGTGGCCTGCTGCTCCTGCTGGCCATGCTCGCTGCCTTGCTGCTGGCC
 ACCATCCTCGGACATCCACCCCGCACACCAGAGACTCACTCCTGCGTGACTAGCCAACAGGACAGGGT
 TCTTGTGCCACGACCGAAGGCACTGCATCCCAGCCATGCTGTGTGCGATGGCATCCGCACCTGTCTCA
 TGGTGAGGACGAGGCTGAGAGCCTGTGCCGAGATGTGCCCCAGAGCCTCCCAGCTTCTCTGACCACC
 TGTGGAGACCCAGACTCCTGGATCTACTCAGACCAGAAATGTGATGGCGTCAACAACCTGTGGAGACTGT
 CAGATGAGCTGAGCCAGTGACTACGTGCCCGCCTGTGGCCCTGGGTGGTGGCGCTGCTCGCCAACTGT
 GTTCAAGTACTGCAGCTGTGCCGAGGGATCTGTGCCGGACAGCGTGCAGCACTGCTCTGACTGGTCA
 GATGAGTACTCCTGTCTGGACCC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR221226 representing NM_001081272
Red=Cloning site Green=Tags(s)

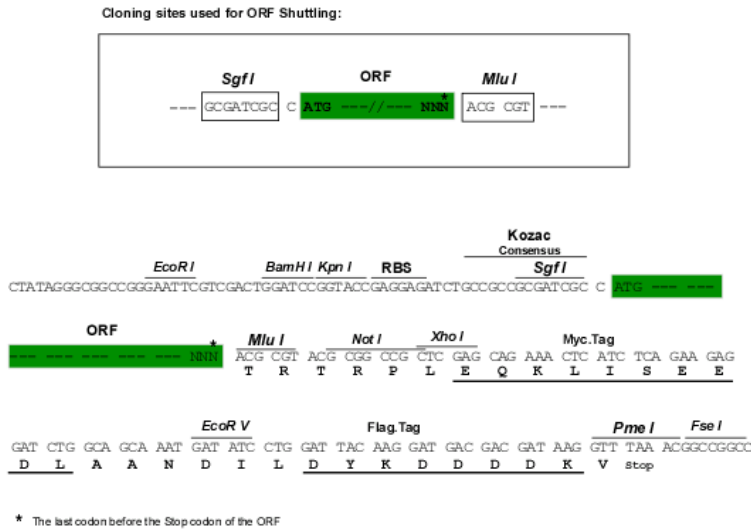
MSVGCERAEFCPACFWFLGQADAESNITRRKARPGDEGCGPLCCSRRGACLSVGLLLLLAMLALLAVA
 TILGHPRTPEHSCVTLANRTGFLCHDRRHCI PAHAVCDGIRTCPHGEDEAESLCRDVPQSLPSFLLTT
 CGDPDSWIYSDQKCDGVNCCGDCSDELSPVTTCPPCGPGWWRCSPTVFKYCSCVPRDLCRDSVQHCSDWS
 DEYSCPGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9025_a06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001081272

ORF Size: 654 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_001081272.2](#)

RefSeq Size: 947 bp

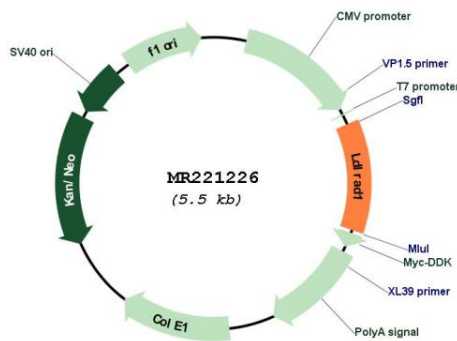
RefSeq ORF: 657 bp

Locus ID: 546840

Cytogenetics: 4 C7

MW: 24.1 kDa

Product images:



Circular map for MR221226