

Product datasheet for **MC205591**

Lsr (NM_017405) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lsr (NM_017405) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lsr
Synonyms:	ILDR3; Lisch7
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC004672
 CCGACGCGTGGGCGGGCCACCGTCTGCTAGACGGCCGCGATGGCGCCGGCCAGCGCGTGTGCTG
 GGGCGCCTGGCTCCCACCCGGCCACCACGATCTTCGTGTGCTTTTTTCTCATCTTTACTGCCAGACCG
 TGCCAGTGCCATCCAGGTGACCGTGCCTGACCCCTACCACGTAGTGATCTGTTCCAGCCAGTGACACTA
 CACTGCACCTACCAGATGAGCAATACCTCACAGCCCCTATCGTGATCTGGAAGTATAAGTCGTTCTGTC
 GGGACCGTGTGGCGACGCTTCTCCCTGCCAGCGTGGACAACCAGCTCAACGCCCAGCTGGCGGCTGG
 CAACCCCGGCTACAACCCCTATGTGGAGTGCCAGGACAGCGTACGCACTGTCAGGGTGGTGGCCACCAA
 CAGGGCAATGCTGTGACCCCTGGGAGACTACTACCAGGGCAGGAGAATCACCATCACAGGAAATGCTGACC
 TGACCTTCGAGCAGACGGCCTGGGGAGACAGTGGAGTGTATTACTGCTCCGTGGTCTCAGCCCAAGATCT
 GGATGGGAACAACGAGGCGTACGCAGAGCTCATTGTCCTTGGCAGGACCTCAGAAGCCCCTGAGCTCCTA
 CCTGGTTTTGGGGCGGGCCCTTGAAGATTGGCTCTTTGTGGTGGTCTGCCTGGCAAGCCTCCTCT
 TCTTCTCCTCTGGGCATCTGCTGGTGCAGTGTCTCCCCACACCTGCTGCTGCTATGTCAGATGTCC
 CTGCTGCCAGACAAGTGTGTTGCCCTGAGGCCCTTTATGCTGCTGGCAAAGCAGCCACCTCAGGTGTG
 CCAAGCATCTATGCCCCAGCATCTATACCCACCTCTCTCCTGCCAAGACTCCGCCACCTCCGCCTGCCA
 TGATCCCATGCGTCCTCCTATGGGTACCCTGGAGACTTTGACAGGACCAGCTCAGTTGGTGGCCACAG
 CTCACAGGTGCCCTGCTGCGTGAAGTGGATGGGAGCGTATCTTCAGAAGTACGAAGTGGCTACAGGATC
 CAGGCTAACCCAGCAAGATGACTCCATGAGGGTCTATACTATATGGAGAAGGAGCTAGCCAACTTCGATC
 CTTCCCGGCTGGCCCTCCCAATGGCCGAGTGGAAACGGGCCATGAGTGAAGTAACTCCCTCCATGAAGA
 TGACTGGCGATCTCGGCCTTCCAGGGCTCTGCCCTCACACCCATCAGGGATGAGGAGTGGAAATCGCCAC
 TCCCCTCGGAGTCCCAGAACATGGGAGCAGGAACCCCTTCAAGAACAGCCAAGGGGTGGTTGGGGTCTG
 GGCGGCCCTCGGGCCGCTCTGTGGATGCTCTAGATGACATCAACCGGCCTGGCTCCACTGAATCAGGAAG
 GTCTTCTCCCCAAGTAGTGGACGGAGAGGGCGGGCCTATGCACCTCCGAGAAGTGCAGCCGGGATGAC
 CTCTATGACCCCGACGATCCTAGAGACTTGCCACATTCCCGAGATCCCCACTATTATGATGATTTGAGGT
 CTAGGGATCCACGTGCTGACCCCAAGATCCCGTACGCGATCCACAGATCCTCGGGATGCTGGCTTCAGGTC
 ACGGGACCTCAGTATGATGGGCGACTCTTAGAAGAGGCTTTAAAGAAAAAGGGGCTGGGGAGAGAAGA
 CGCGTTTACAGGGAGGAAGAAGAAGAAGAGAGGGGCCACTATCCCCAGCACCTCCGCCTTACTCTG
 AGACTGACTCGCAGGCCTCGAGGGAGCGGAGGATGAAAAAGAATTTGGCCCTGAGTCGGGAAAGTTAGT
 CGTCTGATCCCACGTTTTGTTATGTAGCTTTTATACTTTTTTAATTGGAATATTGATGAACTCTCACC
 AAGCCTAATAAAATTCCTGATCACAAGAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_017405

Insert Size: 1785 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).

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: [BC004672](#), [AAH04672](#)

RefSeq Size: 1982 bp

RefSeq ORF: 1785 bp

Locus ID: 54135

UniProt ID: [Q99KG5](#)

Cytogenetics: 7 B1

Gene Summary: Probable role in the clearance of triglyceride-rich lipoprotein from blood. Binds chylomicrons, LDL and VLDL in presence of free fatty acids and allows their subsequent uptake in the cells (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.