

Product datasheet for **RN213114**

Lsr (NM_032616) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lsr (NM_032616) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lsr
Synonyms:	Lisch7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213114 representing NM_032616
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCCGGCGCCGGCGCGTGTGCTGGGGCGCCTGACTCCCACCCAGCTACCGTGGTCTTCGTGTGTC
 TCTTTCTCATATTTCTGCCCAGACCCTGCCAGTGCCATCCAGGTGACTGTGTCTGACCCCTACACAGT
 AGTGATCCTGTTCCAGCCAGTGACCCTGCCCTGCACCTATCAGATGAGCAACACTCTCACAGTCCCCATC
 GTGATCTGGAAGTACAAGTCAATTCTGCCGGGACCGTATTGCCGATGCCTTCTCCTGCCAGTGTGGACA
 ACCAGCTAAATGCCAGTTGGCAGCTGGCAACCCCGGCTACAACCCCTATGTGGAGTGCCAGGACAGTGT
 ACGCACTGTCAGGGTGGTGGCCACCAACAGGGCAATGCGGTGACCCTGGGAGACTACTACCAAGGCAGG
 AGGATCACCATAACAGGAAATGTGACCTGACCTTCGAGCAGACAGCCTGGGAGACAGTGGAGTGTATT
 ACTGCTCTGTGGTCTCGGCCAAGATCTGGATGAAAACAACGAGGCGTACGCAGAGCTCATCGCTCTTGG
 CAGGACCTCAGAGGCCCTGAGCTCCTACCTGGTTTTTCGGGCGGGGCCCTTGAAGATTGGCTCTTTGTG
 GTCGTGGTCTGCCTGGCAGCCTCCTCCTTCTCCTCCTGGGCATCTGCTGGTCCAGTGTGTCTCTC
 ACACCTGCTGCTGCTATGTCGATGTCCCTGCTGCCAGACAAGTGTGTGCCCTGAGGCTCTTTATGC
 TGCTGGCAAAGCAGCCACCTCAGGTGTCCCAGCATCTATGCCCCAGCATCTATACCCACCTCTCACCT
 GCCAAGACCCACCACCTCCGCCTGCCATGATTCCCATGGGCCCTCCCTATGGGTACCCTGGAGACTTTG
 ACAGACATAGCTCAGTTGGTGGCCACAGCTCCCAAGTACCCTGCTGCGTGACGTGGATGGCAGTGTATC
 TTCAGAAGTACGAAGTGGCTACAGGATCCAGGCTAACCAAGTACAGTCCATGAGGGTCCATACTAT
 ATGGAGAAAGAGCTAGCCAACCTTGACCCTCCCGACCTGGCCCTCCCAATGGCAGAGTGGAAACGGGCCA
 TGAGTGAAGTAACTCCCTCCATGAAGATGACTGGCGATCGAGGCTCCAGGGCTCCTGCCCTCACCCC
 CATCAGGGATGAGGAGTGAATCGCCACTCCCCACAGAGTCCCAGAACATGGGAGCAGGAACCCCTCAA
 GAACAACCAAGGGTGGTTGGGGTCTGGACGCCCTCGGGCCCGCTCTGTGGATGCTCTAGATGATATCA
 ACCGGCTGGCTCCACTGAATCAGGACGGTCTTCTCCCCAAGTAGTGGACGGAGAGGACGGCCTATGC
 ACCTCCAAGAAGTCGACGACCGGGATGACCTCTATGACCCGGACGATCCTAGGGACTTGCCACATTCCCGA
 GATCCCCACTATTATGACGACATCAGGTCTAGAGATCCACGTGCTGACCCAGATCCCGTCCAGCGATCCC
 GAGATCCTCGGGATGCTGGCTTCAAGTCAAGGGACCTCAGTATGATGGGCGACTATTAGAAGAGGCTTT
 AAAGAAAAGGGTGGGGCAGAGAAGGAGGGTTACAGGGAGGAAGAAGAGGAAGAGGAGGGCCAATAC
 CCCCCAGCACCTCCACCTTACTCAGAGACTGACTCGCAGGCTCACGGGAGAGGAGGCTGAAAAAGAATT
 TGCCCTGAGTCGGAAAGTTAGTCGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_032616
- Insert Size:** 1782 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: [NM_032616.1](#), [NP_116005.1](#)

RefSeq Size: 2097 bp

RefSeq ORF: 1782 bp

Locus ID: 64355

UniProt ID: [Q9WU74](#)

Cytogenetics: 1q21

Gene Summary: binds apoB, apoE, and triglyceride-rich lipoprotein (chylomicrons and very low density lipoprotein (VLDL)); may mediate the partitioning of dietary lipid between different tissues [RGD, Feb 2006]