

Product datasheet for **MR209253**

Lsr (NM_017405) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lsr (NM_017405) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lsr
Synonyms:	ILDR3; Lisch7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR209253 representing NM_017405
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCCGGCGCCAGCGCGTGTGCTGGGGCGCCTGGCTCCACCCGGCCACCAGATCTTCGTGTGTC
 TTTTCTCATCTTTACTGCCAGACCGTGCCAGTGCCATCCAGGTGACCGTGCCCTGACCCCTACCACGT
 AGTGATCTGTTCCAGCCAGTGACACTACACTGCACCTACCAGATGAGCAATACCCTCACAGCCCTATC
 GTGATCTGGAAGTATAAGTCGTTCTGTGCGGACCGTGTGCCGACGCCTTCTCCCCTGCCAGCGTGGACA
 ACCAGCTCAACGCCAGCTGGCGCTGGCAACCCCGGCTACAACCCCTATGTGGAGTGCCAGGACAGCGT
 ACGCACTGTCAAGGTGGTGGCCACCAACAGGGCAATGCTGTGACCTGGGAGACTACTACCAGGGCAGG
 AGAATCACCATCACAGGAAATGCTGACCTGACCTTCGAGCAGACGGCCTGGGAGACAGTGGAGTGTATT
 ACTGCTCCGTGGTCTCAGCCAAGATCTGGATGGGAACAACGAGGCGTACGCAGAGCTCATTGTCCTTGG
 CAGGACCTCAGAAGCCCCTGAGCTCCTACCTGGTTTTTCGGGCGGGGCCCTTGAAGATTGGCTCTTTGTG
 GTCGTGGTCTGCCTGGCAAGCCTCCTCTTCTCCTCCTCCTGGGATCTGCTGGTCCAGTGTGTCCCC
 ACACCTGCTGCTGCTATGTCAGATGTCCCTGCTGCCAGACAAGTGTGTGGCCGAGGCGCTTATGC
 TGCTGGCAAAGCAGCCACCTCAGGTGTGCCAAGCATCTATGCCCCAGCATCTATACCCACCTCTCCT
 GCCAAGACTCCGCCACCTCCGCCTGCCATGATCCCATGCGTCTCCCTATGGGTACCCTGGAGACTTTG
 ACAGGACCAGCTCAGTTGGTGGCCACAGCTCCAGGTGCCCTGCTGCGTGAAGTGGATGGGAGCGTATC
 TTCAGAAGTACGAAGTGGCTACAGGATCCAGGTAACCAAGATGACTCCATGAGGTCCTATACTAT
 ATGGAGAAGGAGTAGCCAACCTCGATCCTTCCCGGCTGGCCCTCCCAATGGCCGAGTGGAAACGGGCA
 TGAGTGAAGTAACCTCCCTCCATGAAGATGACTGGCGATCTCGGCTTCCAGGCTCCTGCCCTCACCC
 CATCAGGGATGAGGAGTGAATCGCCACTCCCCTCGGAGTCCAGAACATGGGAGCAGGAACCCCTTCAA
 GAACAGCCAAGGGTGGTTGGGGTCTGGGCGGCTCGGGCCGCTCTGTGGATGCTCTAGATGACATCA
 ACCGCGCTGGCTCCACTGAATCAGGAAGTCTTCTCCCCAAGTGTGGACGGAGAGGGCGGGCCTATGC
 ACCTCCGAGAAGTCGAGCCGGGATGACCTCTATGACCCGACGATCCTAGAGACTTCCACATTCCCGA
 GATCCCCACTATTATGATGATTTGAGGTCTAGGGATCCACGTGCTGACCCAGATCCCGTACGGATCCC
 ACGATCCTCGGGATGCTGGCTTCAAGTACGGGACCCCTCAGTATGATGGGCGACTTTAGAAGAGGCTTT
 AAAGAAAAAGGGGCTGGGAGAGAAGACGCGTTTACAGGGAGGAAGAAGAAGAAGAGGAGGGCCAC
 TATCCCCAGCACCTCCGCTTACTCTGAGACTGACTCGCAGGCTCGAGGGAGCGGAGGATGAAAAAGA
 ATTTGGCCCTGAGTCGGGAAAGTTAGTCGTC

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209253 representing NM_017405
 Red=Cloning site Green=Tags(s)

MAPAASACAGAPGSHPTTIFVCLFLIIYCPDRASAIQVTPDPYHVILFQPVTLHCTYQMSNTLTAPI
 VIWKYKSFCDRVADAFSPASVDNQLNAQLAAGNPGYNPYVEQDSVRTVVRVATKQGNVTLGDYYQGR
 RITITGNADLTFEQTAWGDSGVYCSVSAQDLNNEAYAEILVLGRTSEAPPELLPGFRAGPLEDWLFV
 VVCLASLLFFLLLGICWCQCCPHTCCCVRCPCPDKCCPEALYAAGKAATSGVPSIYAPSIYTHLSP
 AKTPPPPPAMIPMRPPYGYPGDFDRTSSVGGHSSQVPLLRVDGVSSEVRSYRIQANQQDDSMRVLYY
 MEKELANFDPSRPGPNRVERAMSEVTSLEDDWRSRPSRAPALTPIRDEEWNRHSPRSPRTWEQEPLQ
 EQPRGGWGSGRPRARSVDALDDINRPGSTESGRSSPSSGRRGRAYAPPRSRSDLDYDDPRDLPHSR
 DPHYYDDLRSRDPADPRSRQRSHDPRDAGFRSDPQYDGRLLLEALKKKGAGERRRVYREEEEEEEGH
 YPPAPPYSETDSQASRERRMKNLALSRESLVV

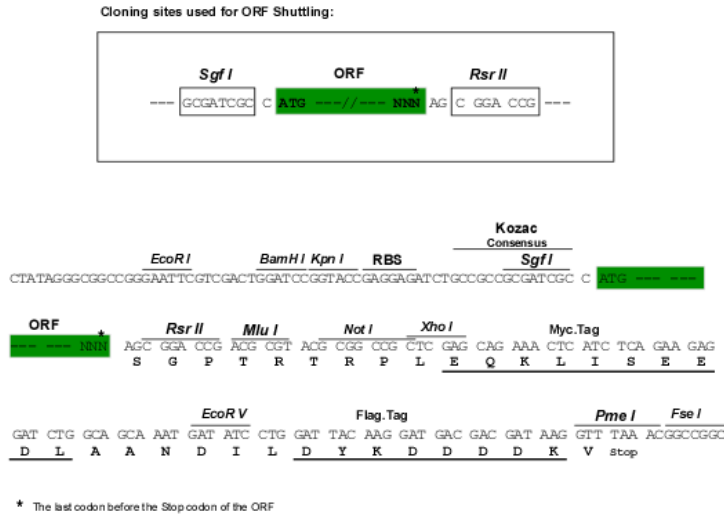
SGP**TRRRLEQKLI**SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1722_e02.zip

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_017405

ORF Size: 1782 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_017405.2](#)

RefSeq Size: 1982 bp

RefSeq ORF: 1785 bp

Locus ID: 54135

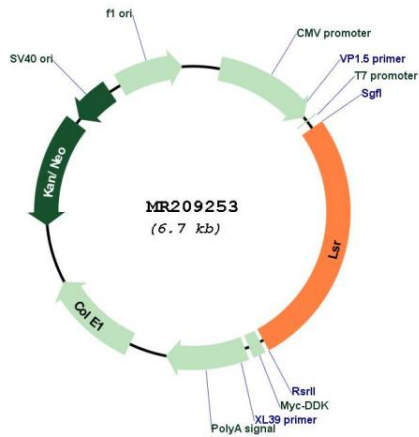
UniProt ID: [Q99KG5](#)

Cytogenetics: 7 B1

MW: 66.6 kDa

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]

Product images:



Circular map for MR209253