

Product datasheet for **RG234394**

Lipolysis Stimulated Lipoprotein Receptor (LSR) (NM_001260490) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipolysis Stimulated Lipoprotein Receptor (LSR) (NM_001260490) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Lipolysis Stimulated Lipoprotein Receptor
Synonyms:	ILDR3; LISCH7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG234394 representing NM_001260490
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAACAGGACGGACTTGGAGTAGGGACAAGGAACGGAAGTGGGAAGGGGAGGAGCGTGCACCCCTCT
 GGCTTGGTGCAGCGCCGCCCTAAGTACTTTGGAAGGACGCGCGGCCAGACGCGCCAGACGGC
 CGCGATGGCGCTGTTGGCCGGCGGGCTCTCCAGAGGGCTGGGCTCCACCCGCGCCGCGAGCCGGGAC
 GCGGTCGTCTTCGTGTGGCTTCTGCTTAGCACCTGGTGCACAGCTCTGCCAGGGCCATCCAGGTGACCG
 TGTCCAACCCCTACCACGTGGTATCTCTCCAGCCTGTGACCTGCCCTGTACCTACCAGATGACCTC
 GACCCCAACGCAACCCATCGTCACTGGAAGTACAAGTCTTTCTGCCGGGACCGCATCGCCGATGCCTTC
 TCCCCGGCAGCGTCGACAACCAGCTCAATGCCAGCTGGCAGCCGGGAACCCAGGCTACAACCCCTACG
 TTGAGTGCCAGGACAGCGTGCACACCGTCAAGGTCGTGGCCACCAAGCAGGGCAACGCTGTGACCTGGG
 AGATTACTACCAGGGCCGGAGGATTACCATCACCGGAATGTATGCCGCCGCAAGCAGCCACCTCAGGT
 GTTCCCAGCATTTATGCCCCAGCACCTATGCCACCTGTCTCCCGCAAGACCCACCCACCCAGCTA
 TGATCCCATGGGCCCTGCCTACAACGGGTACCCTGGAGGATACCCTGGAGACGTTGACAGGAGTAGCTC
 AGCTGGTGGCCAAGGCTCCTATGTACCCCTGCTTCGGGACACGGACAGCAGTGTGGCCTCTGAAGTCCGC
 AGTGGCTACAGGATTCAGGCCAGCCAGCAGGACGACTCCATGCGGGTCTGTACTACATGGAGAAGGAGC
 TGGCCAACCTCGACCTTCTCGACTGGCCCCCAGTGGCCGTGTGGAGCGGGCCATGAGTGAAGTAC
 CTCCTCCACGAGGACGACTGGCGATCTCGGCTTCCCGGGCCCTGCCCTACCCCGATCCGGGATGAG
 GAGTGGGGTGGCCACTCCCCCGGAGTCCAGGGGATGGGACCAGGAGCCCGCCAGGGAGCAGGCGCC
 GGGGCTGGCGGGCCAGGCGGCCCGGGCCCGCTCCGTGGACGCCCTGGACGACCTCACCCGCGCAGCAC
 CGCCGAGTCAGGAGCAGGTCTCCACAGTAATGGTGGGAGAAGCCGGGCTACATGCCCCCGCGGAGC
 CGCAGCCGGGACGACCTCTATGACCAAGACGACTCGAGGGACTTCCACGCTCCCGGACCCCCACTACG
 ACGACTTCAGGTCTCGGAGCGCCCTCCTGCCACCCAGGTCCCACCACCACCTACCCGGGACCTCG
 GGACAACGGCTCCAGGTCCGGGGACCTCCCCTATGATGGGCGGCTACTGGAGGAGGCTGTGAGGAAGAAG
 GGGTCCGAGGAGAGGAGGAGACCCACAAGGAGGAGGAGGAAGAGGCTACTACCCGCCCGCGCCGCC
 CGTACTCGGAGACCGACTCGCAGCGTCCCGAGAGCGCAGGCTCAAGAAGAACTGGCCCTGAGTCGGGA
 AAGTTTAGTCGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG234394 representing NM_001260490
 Red=Cloning site Green=Tags(s)

MQQDGLGVGTRNGSGKGRSVHPSWPWCAPRPLRYFGRDARRAQTAAALLAGGLSRGLSHPAAAGR
 AVVFWLLSTWCTAPARAIQVTVSNPYHVILFQPVTLPCYQMTSTPTQPIVWIKYKSFCDRIADAF
 SPASVDNQLNAQLAAGNPGYNPYVEQDSVRTVRVATKQGNVTLGDYYQRRITITGMYAAGKAATSG
 VPSIYAPSTYAHLSPAKTPPPAMIPMPAYNGYPGGYPGDVRSSAGGQSYVPLLRDTSVASEVR
 SGYRIQASQQDDSMRVLYYMEKELANFDPSPRPPSGRVERAMSEVTSLEHDDWRSRPSRGPALTPIRDE
 EWGGHSPRSPRGWDQEPAREQAGGGWRARRRARSVDALDDLTPPSTAESGRSPTSNGGRSRAVMPPRS
 RSRDDL YDQDDSRDFPRSRDPHYDDFRSRRERPPADPRSHHHRTRDPRDNGSRSGDLPYDGRLLLEEAVRKK
 GSEERRRPHKEEEEEAYPPAPPYSETDSQASRERRLKKNLALSRESL VV

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001260490

ORF Size: 1623 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_001260490.1](#), [NP_001247419.1](#)

RefSeq Size: 1968 bp

RefSeq ORF: 1482 bp

Locus ID: 51599

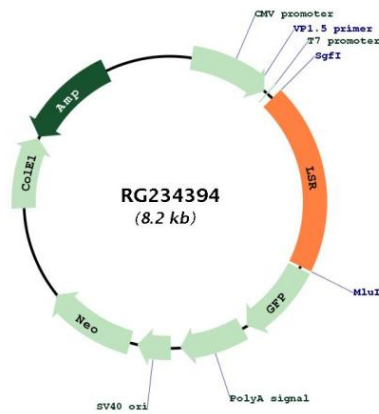
UniProt ID: [Q86X29](#)

Cytogenetics: 19q13.12

Protein Families: Druggable Genome, Transcription Factors, Transmembrane

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 RG234394