

Product datasheet for **SC309853**

Lipolysis Stimulated Lipoprotein Receptor (LSR) (NM_205834) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipolysis Stimulated Lipoprotein Receptor (LSR) (NM_205834) Human Untagged Clone
Tag:	Tag Free
Symbol:	Lipolysis Stimulated Lipoprotein Receptor
Synonyms:	ILDR3; LISCH7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_205834 edited
 ATGCAACAGGACGGACTTGGAGTAGGGACAAGGAACGGAAGTGGGAAGGGGAGGAGCGTG
 CACCCCTCCTGGCCTTGGTGCAGCGCCGCGCCCTAAGGTACTTTGGAAGGGACGCGCGG
 GCCAGACGCGCCAGACGGCCGCGATGGCGCTGTTGGCCGGCGGGCTCTCCAGAGGGCTG
 GGCTCCCACCCGGCCGCGCAGGCCGGGACGCGGTGCTTTCGTGTGGCTTCTGCTTAGC
 ACCTGGTGACAGCTCCTGCCAGGGCCATCCAGGTGACCGTGTCCAACCCCTACCCACG
 GTGATCCTTTCCAGCCTGTGACCCTGCCCTGTACCTACCAGATGACCTCGACCCACG
 CAACCCATCGTCATCTGGAAGTACAAGTCTTTCTGCCGGGACCGCATCGCCGATGCCTTC
 TCCCCGGCCAGCGTGCACAACCACTCAATGCCAGCTGGCAGCCGGAACCCAGGCTAC
 AACCCCTACGTTGAGTGCCAGGACAGCGTGCACCCGTCAGGGTCGTGGCCACCAAGCAG
 GGCAACGCTGTGACCCTGGGAGATTACTACCAGGGCCGGAGGATTACCATCACCGGAAAT
 GCTGACCTGACCTTTGACCAGACGGCGTGGGGGACAGTGGTGTATTACTGCTCCGTG
 GTCTCAGCCAGGACCTCAGGGGAACAATGAGGCCTACGCAGAGCTCATCGTCTTGGG
 AGGACCTCAGGGGTGGCTGAGCTCTTACCTGGTTTTTCAGGCGGGCCCATAGAAGACTGG
 CTCTTCGTGGTTGTGGTATGCCTGGCTGCCTTCCTCATCTTCTCCTCCTGGGCATCTGC
 TGGTGCCAGTGTGCCCGCACACTTGTGCTGCTACGTACAGTGCCTCCTGCTGCCAGAC
 AAGTGCTGCTGCCCGAGGCCCTGTATGCCGCCGCAAAGCAGCCACCTCAGGTGTTCCC
 AGCATTTATGCCCCAGCACCTATGCCACCTGTCTCCCGCAAGACCCACCCACCA
 GCTATGATTCCCATGGGCCCTGCCTACAACGGGTACCCTGGAGGATACCTTGGAGACGTT
 GACAGGAGTAGCTCAGCTGGTGGCAAGGCTCCTATGTACCCCTGCTTCGGGACACGGAC
 AGCAGTGTGGCCTCTGAAGTCCGCAGTGGCTACAGGATTACAGCCAGCCAGCAGGACGAC
 TCCATGCCGGTCTGTACTACATGGAGAAGGAGCTGGCCAACCTCGACCTTCTCGACCT
 GGCCCCCAGTGGCCGTGTGGAGCGGGCCATGAGTGAAGTACCTCCCTCCACGAGGAC
 GACTGGCGATCTCGGCCTTCCCGGGCCCTGCCCTCACCCGATCCGGGATGAGGAGTGG
 GGTGGCCACTCCCCCGAGTCCAGGGGATGGGACCAGGAGCCCGCCAGGGAGCAGGCA
 GGCGGGGCTGGCGGGCCAGGCGCCCGGGCCCGCTCCGTGGACGCCCTGGACGACCTC
 ACCCCGCGAGCACCGCCGAGTCAGGGAGCAGGTCTCCACGAGTAATGGTGGGAGAAGC
 CGGGCCTACATGCCCCCGGAGCCGCAGCCGGGACGACCTCTATGACCAAGACGACTCG
 AGGGACTTCCCACGCTCCCGGACCCCCACTACGACGACTTCAGGTCTCGGGAGCGCCCT
 CCTGCCGACCCAGTCCCACCACCACCGTACCCGGGACCCTCGGACAACGGCTCCAGG
 TCCGGGGACCTCCCTATGATGGGCGGCTACTGGAGGAGGCTGTGAGGAAGAAGGGGTG
 GAGGAGAGGAGAGACCCACAAGGAGGAGGAGGAAGAGGCTACTACCCGCCCGCGCC
 CCCCCGTACTCGGAGACCGACTCGCAGGCGTCCCGAGAGCGCAGGCTCAAGAAGAAGTTC
 GCCCTGAGTCGGGAAAGTTAGTCGTCTGA

Restriction Sites: Please inquire
ACCN: NM_205834
Insert Size: 2400 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	<p>This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.</p>
Components:	<p>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).</p>
Reconstitution Method:	<ol style="list-style-type: none"> 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:	<p>NM_205834.2, NP_991403.1</p>
RefSeq Size:	<p>2285 bp</p>
RefSeq ORF:	<p>1950 bp</p>
Locus ID:	<p>51599</p>
UniProt ID:	<p>Q86X29</p>
Cytogenetics:	<p>19q13.12</p>
Protein Families:	<p>Druggable Genome, Transcription Factors, Transmembrane</p>
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) includes an alternate exon in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is longer than isoform 1.</p>