

Product datasheet for **SC123763**

Lipolysis Stimulated Lipoprotein Receptor (LSR) (BC004381) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipolysis Stimulated Lipoprotein Receptor (LSR) (BC004381) Human Untagged Clone
Tag:	Tag Free
Symbol:	Lipolysis Stimulated Lipoprotein Receptor
Synonyms:	ILDR3; immunoglobulin-like domain containing receptor 3; lipolysis-stimulated receptor; lipolysis-stimulated remnant; lipolysis stimulated lipoprotein rec; LISCH7; LISCH protein; liver-specific bHLH-Zip transcription factor 7; MGC10659; MGC48312; MGC48503
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC004381 edited
 GCCCAGACGGCCGCGATGGCGCTGTTGGCCGGCGGGCTCTCCAGAGGGCTGGGCTCCCAC
 CCGGCCGCGCAGGCCGGGACGCGGTCTTTCGTGTGGCTTCTGCTTAGCACCTGGTGC
 ACAGCTCTGCCAGGGCCATCCAGGTGACCGTGTCCAACCCCTACCACGTGGTGATCCTC
 TTCCAGCTGTGACCCTGCCCTGTACCTACCAGATGACCTCGACCCACGCAACCCATC
 GTCATCTGGAAGTACAAGTCTTTCTGCCGGGACCGCATCGCCGATGCCTTCTCCCGGCC
 AGCGTCGACAACCAGCTCAATGCCAGCTGGCAGCCGGGAACCCAGGCTACAACCCCTAC
 GTCGAGTGCCAGGACAGCGTGCGCACCGTCAGGGTCGTGGCCACCAAGCAGGGCAACGCT
 GTGACCCTGGGAGATTACTACCAGGGCCGAGGATTACCATCACCGGAAATGCTGACCTG
 ACCTTTGACCAGACGGCGTGGGGGACAGTGGTGTGATTACTGCTCCGTGGTCTCAGCC
 CAGGACCTCCAGGGGAACAATGAGGCTACGCAGAGCTCATCGTCCTTGACTGGCTCTTC
 GTGGTTGGTATGCCTGGCTGCCTTCTCATCTTCTCCTCCTGGGCATCTGCTGGTGC
 CAGTGCTGCCCGACACTTGCTGCTGCTACGTCAGGTGCCCTGCTGCCAGACAAGTGC
 TGCTGCCCGGAGCCCTGTATGCCGCGGCAAAGCAGCCACCTCAGGTGTTCCAGCATT
 TATGCCCCAGCACCTATGCCACCTGTCTCCCGCAAGACCCCAACCCACCAGCTATG
 ATTCCCATGGGCCCTGCCTACAACGGGTACCCTGGAGGATACCCTGGAGACGTTGACAGG
 AGTAGCTCAGCTGGTGGCCAAGGCTCCTATGTACCCTGCTTCGGGACACGGACAGCAGT
 GTGGCCTCTGAAGTCCGAGTGGCTACAGGATTAGGCCAGCCAGCAGGACGACTCCATG
 CGGGCTCTGACTACATGGAGAAGGAGCTGGCCAACTTCGACCCTTCTCGACCTGGCCCC
 CCCAGTGGCCGTGTGGAGCGGGCCATGAGTGAAGTCACTCCCTCCACGAGGACGACTGG
 CGATCTCGGCCTTCCCGGGCCCTGCCCTACCCCGATCCGGGATGAGGAGTGGGGTGGC
 CACTCCCCCGGAGTCCCAGGGATGGGACCAGGAGCCCGCAGGAGCAGGCAGGCGGG
 GGCTGGCGGGCCAGGCGGCCCGGGCCGCTCCGTGGACGCCCTGGACGACCTCACCCCG
 CCGAGCACCGCCGAGTCAAGGAGCAGGTCTCCACGAGTAAATGGTGGGAGGAGAAGCCGG
 GCCTACATGCCCCCGGAGCCGACGCCGGGACGACCTCTATGACCAAGCAGACTCGAGG
 GACTTCCCACGCTCCCGGACCCCACTACGACGACTTCAGGTCTCGGGAGCGCCCTCT
 GCCGACCCAGGTCCCACCACCCTACCCGGGACCCTCGGACAACGGCTCCAGGTCC
 GGGGACCTCCCCTATGATGGGCGCTACTGGAGGAGGCTGTGAGGAAGAAGGGTTCGGAG
 GAGAGGAGGAGACCCACAAGGAGGAGGAGGAAGAGGCCACTACCCGCCCGCGCCGCC
 CCGTACTCGGAGACCGACTCGCAGGCGTCCGAGAGCGCAGGCTCAAGAAGAATTGGCC
 CTGAGTCGGGAAAGTTTAGTCGTCTGATCTGACGTTTTCTACGTAGCTTTTGTATTTTT
 TTTTTAATTTGAAGGAACACTGATGAAGCCCTGCCATACCCTCCCGAGTCTAATAAAAC
 GTATAATCACAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC004381 unedited
 NAAGCGTCAGATTTGTATACGACTACTATAGGCGGCCGNAATTCGCACGAGGGCCCA
 GACGGCCGCGATGGCGCTGTTGGCCGGCGGGCTCTCCAGAGGCTGGGCTCCCACCCGGCC
 GCCGACGGCCGGACGCGGTCTTTCGTGTGGCTTCTGCTTAGCACCTGGTGACAGCT
 CCTGCCAGGGCCATCCAGGTGACCGTGTCCAACCCCTACCACGTGGTGATCCTCTCCAG
 CCTGTGACCTGCCTGTACCTACCAGATGACCTCGACCCACGCAACCCATCGTCATC
 TGAAGTACAAGTCTTTCTGCCGGGACCGCATCGCCGATGCCTTCTCCCGGCCAGCGTC
 GACAACAGCTCAATGCCAGCTGGCAGCCGGGAACCCAGGCTACAACCCCTACGTGAG
 TGCCAGGACAGCGTGCGCACCGTCAGGGTCGTGGCCACCAAGCAGGGCAACGCTGTGACC
 CTGGGAGATTACTACCAGGGCCGAGGATTACCATCACCGGAAATGCTGACCTGACCTTT
 GACCAGACGGCGTGGGGGACAGTGGTGTGATTACTGCTCCGTGGTCTCAGCCCAGGAC
 CTCCAGGGGAACAATGAGGCCTACGCAGAGCTCATCGTCCTTGACTGGCTCTTCGTGGTT
 GTGATGCTGGCTGCCTTCTCATCTTCTCCTCCTGGGCATCTGCTGGTGCCAGTGC
 TGCCCGCACACTTGCTGCTGCTACGTCAGGTGCCCTGCTGCCAGACAAGTGTCTGCTGC
 CCCGAGGCCCTGTATGCCGCGGCAAAGCAGCCACCTCAGGTGTTCCAGCATTTATGCC
 CCAGCACCTATGCCACCTGTCTCCCGCAAACCCCAACCCACCAGCTATGATCCCAT
 GGCC

Restriction Sites: Please inquire

ACCN:	BC004381
Insert Size:	1888 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:	<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:	BC004381.1 , AAH04381.2
RefSeq Size:	1888 bp
Locus ID:	51599
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]