

Lipolysis Stimulated Lipoprotein Receptor (LSR) Recombinant Protein | LSR recombinant protein

Recombinant Lipolysis Stimulated Lipoprotein Receptor (LSR)

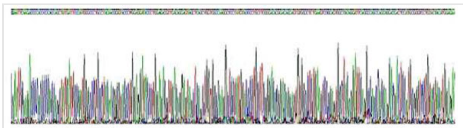
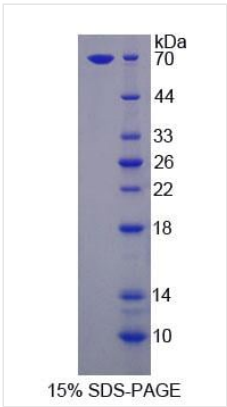
CATALOG # AAA133939	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Lipolysis Stimulated Lipoprotein Receptor (LSR); Recombinant Lipolysis Stimulated Lipoprotein Receptor (LSR); LSR recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for LSR recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Lys335~Arg589
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	7.2
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.2 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

KTPPPP AMIPMGPAYN

GYPGGYPGDV DRSSSAGGQG SYVPLLRTDT SSVASEVRSG YRIQASQQDD

SMRVLYYMEK ELANFDPSRP GPSPGRVERA MSEVTLHED DWRSRPSRGP

ALTPIRDEEW GGHSRPSRPG WDQEPAREQA GGGWRARRPR ARSVDALDDL

TPPSTAESGS RSPTSNGGRS RAYMPPRSRS RDDLYDQDDS RDFPRSDDPH

YDDFRSRERP PADPRSHHHR TRDPRDNGSR SGLLPYDGR

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	386781455
NCBI GeneID	51599
NCBI Accession #	NP_001247418.1
NCBI GenBank Nucleotide #	NM_001260489.1
UniProt Accession #	Q86X29; O00112; O00426; Q6ZT80; Q8NBM0; Q9BT33; Q9UQL3; A6NDW3; E9PHD4
Molecular Weight	Predicted Molecular Mass: 58.5kDa Accurate Molecular Mass: 68kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	lipolysis-stimulated lipoprotein receptor isoform 4
NCBI Official Synonym Full Names	lipolysis stimulated lipoprotein receptor
NCBI Official Symbol	LSR
NCBI Official Synonym Symbols	ILDR3; LISCH7
NCBI Protein Information	lipolysis-stimulated lipoprotein receptor; LISCH protein; lipolysis-stimulated remnant; liver-specific bHLH-Zip transcription factor; immunoglobulin-like domain containing receptor 3
UniProt Protein Name	Lipolysis-stimulated lipoprotein receptor
UniProt Gene Name	LSR
UniProt Synonym Gene Names	LISCH
UniProt Entry Name	LSR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.