

Recombinant Lipolysis Stimulated Lipoprotein Receptor (LSR) Instruction Manual

SIPD311Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	58.5kDa
Accurate Molecular Mass	68kDa(Analysis of differences refer to the manual)
Residues & Tags	Lys335~Arg589 with N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MQQDGLGVGT RNSGSGKGRSV HPSWPWCAPR PLRYFGRDAR ARRAQTAAMA
LLAGGLSRGL GSHPAAGRD AVVFWLLLS TWCTAPARAI QTVSNPYHV
VILFQPVTLP CTYQMTSTPT QPIVIWKYKS FCRDRIADAF SPASVDNQLN
AQLAAGNPGY NPYVECQDSV RTVRVVATKQ GNAVTLGDYY QGRRITITGN
ADLTFDQTAW GDSGVYYCSV VSAQDLQGNN EAYAELIVLD WLFVVVVCLA
AFLIFLLL

KT PPPP AMIPMGPAYN
GYPGGYPGDV DRSSSAGGQG SYVPLLRDTD SSVASEVRSG YRIQASQQDD
SMRVLYYMEK ELANFDPSRP GPPSGRVERA MSEVTS LHED DWRSRPSRGP
ALTPIRDEEW GGHSRSPRG WDQEPAREQA GGGWRARRPR ARSVDALDDL
TPPSTAESGS RSPTSNGGRS RAYMPPRSRS RDDLYDQDDS RDFPRSRDPH
YDDFRSRERP PADPRSHHR TRDPRDNGSR SGDLPYDGR

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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°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.

Image

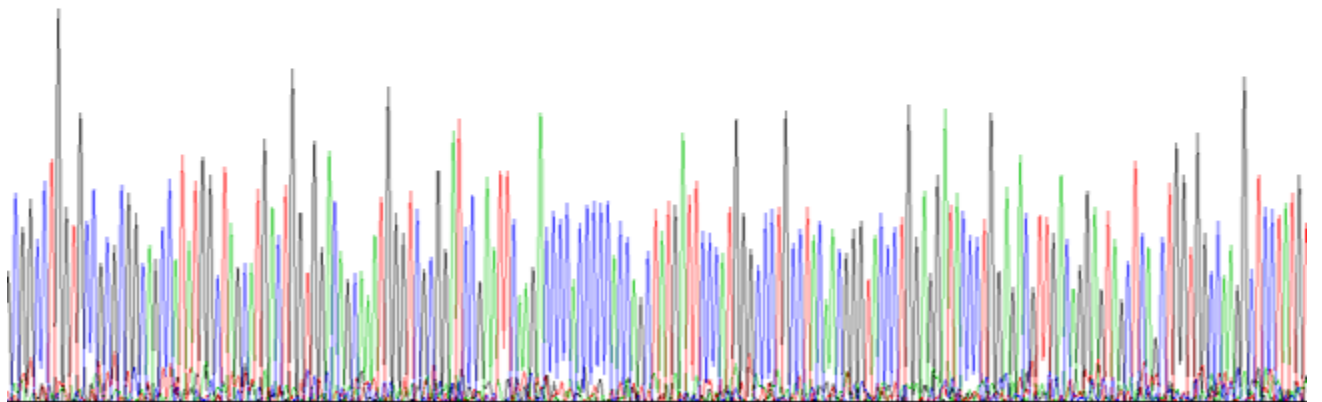


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.