Recombinant Lipoprotein lipase (LPL) Instruction Manual

SIPA648Hu02

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Membrane, Secreted

Predicted Molecular Mass 54.1kDa

Accurate Molecular Mass 54kDa(Analysis of differences refer to the manual)

Residues & Tags Ala28~Gly475 with N-terminal His Tag

Buffer Formulation PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5%

Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 8.1

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ADQ RRDFIDIESK FALRTPEDTA
EDTCHLIPGV AESVATCHFN HSSKTFMVIH GWTVTGMYES WVPKLVAALY
KREPDSNVIV VDWLSRAQEH YPVSAGYTKL VGQDVARFIN WMEEEFNYPL
DNVHLLGYSL GAHAAGIAGS LTNKKVNRIT GLDPAGPNFE YAEAPSRLSP
DDADFVDVLH TFTRGSPGRS IGIQKPVGHV DIYPNGGTFQ PGCNIGEAIR
VIAERGLGDV DQLVKCSHER SIHLFIDSLL NEENPSKAYR CSSKEAFEKG
LCLSCRKNRC NNLGYEINKV RAKRSSKMYL KTRSQMPYKV FHYQVKIHFS
GTESETHTNQ AFEISLYGTV AESENIPFTL PEVSTNKTYS FLIYTEVDIG
ELLMLKLKWK SDSYFSWSDW WSSPGFAIQK IRVKAGETQK KVIFCSREKV
SHLQKGKAPA VFVKCHDKSL NKKSG
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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

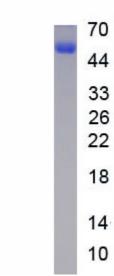


Figure. SDS-PAGE

[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.