



**RPU52806 Rat 200µg**  
**Recombinant Lipase, Lipoprotein (LIPD)**  
**Organism Species: *Rattus norvegicus* (Rat)**  
***Instruction manual***

FOR RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)



## [ PROPERTIES ]

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Ala28~Gly474

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Secreted

**Purity:** > 80%

**Traits:** Freeze-dried powder

**Buffer formulation:** 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Original Concentration:** 200µg/mL

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

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 8.2

**Predicted Molecular Mass:** 53.9kDa

**Accurate Molecular Mass:** 54kDa as determined by SDS-PAGE reducing conditions.

## [ USAGE ]

Reconstitute in 100mM NaHCO<sub>3</sub>, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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.

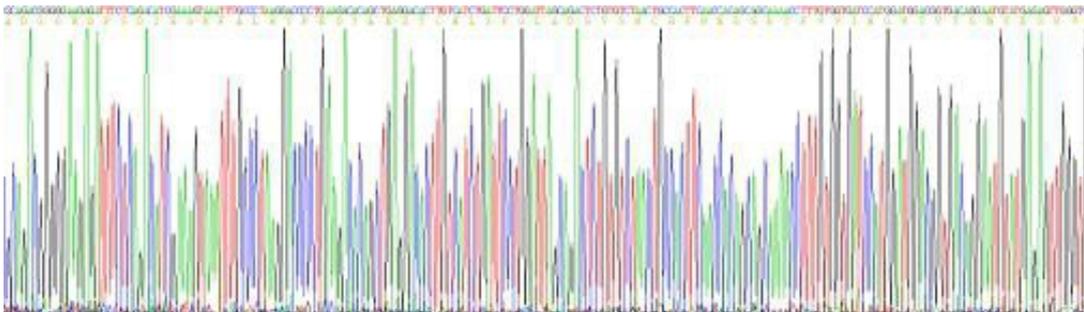
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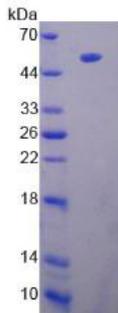
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EDTCHLIPGL ADSVSNCHFN HSSKTFVVIH GWTVTGMYES WVPKLVAALY
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DNVHLLGYSL GAHAAGVAGS LTNKKVNRIT GLDPAGPNFE YAEAPSRLSP
DDADFVDVLH TFTRGSPGRS IGIQKPVGHV DIYPNGGTFQ PGCNIGEAIR
VIAEKGLGDV DQLVKCSHER SIHLFIDSL NEENPSKAYR CNSKEAFEKG
LCLSCRKNRC NNVGYEINKV RAKRSSKMYL KTRSQMPYKV FHYQVKIHFS
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SHLQKGKDAV VFKCHDKSL KKSG

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**[ IDENTIFICATION ]**



**Figure. Gene Sequencing (Extract)**



**Figure. SDS-PAGE**