

## PRODUCT DATA SHEET

### Lipoprotein Lipase Human E. coli

**Cat. No.:** RD172131100

**Size:** 0.1 mg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** Human

**Other Names:**

LPL, LIPD

**Description:**

Total 458 AA. MW: 51.61 kDa (calculated). UniProtKB acc.no. P06858. N-Terminal His-tag, 10 extra AA.

**Amino Acid Sequence:**

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| MKHHHHHHAS | ADQRRDFIDI | ESKFALRTPE | DTAEDTCHLI | PGVAESVATC | HFNHSSKTFM |
| VIHGWTVTGM | YESWVPKLVA | ALYKREPDSN | VIVVDWLSRA | QEHYPVSAGY | TKLVGQDVAR |
| FINWMEEEFN | YPLDNVHLLG | YSLGAHAAGI | AGSLTNKKVN | RITGLDPAGP | NFEYAEAPSR |
| LSPDDADFVD | VLHTFTRGSP | GRSIGIQKPV | GHVDIYPNGG | TFQPGCNIGE | AIRVIAERGL |
| GDVDQLVKCS | HERSIHLFID | SLLNEENPSK | AYRCSSKEAF | EKGLCLSCRK | NRCNNLGYEI |
| SKVRAKRSSK | MYLKTRSQMP | YKVFHYQVKI | HFSGTESETH | TNQAFEISLY | GTVAESENIP |
| FTLPEVSTNK | TYSFLIYTEV | DIGELMLKL  | KWKSDSYFSW | SDWWSSPGFA | IQKIRVKAGE |
| TQKKVIFCSR | EKVSHLQKGK | APAVFVKCHD | KSLNKKSG   |            |            |

**Purity:**

> 90 % by SDS-PAGE

**Endotoxin:**

< 1.0 EU/μg

**Formulation:**

0.03 M Acetate buffer, pH=4.0 - frozen

**Reconstitution:**

Defrost at ambient temperature

**Shipping:**

On ice. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

Store protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles.

**Quality Control:**

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

Endotoxin level determination.

**Applications:**  
Western blotting

**Note:**  
This product is intended for research use only.