

RPPB1907

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## Product Information    Protein Information

**Product SKU:**

RPPB1907

**Accession:**

Q9Y5X9

**Host:**

HEK 293.

**Protein description:**

LIPG Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Ser21-Pro500) containing a total of 490 amino acids, having a calculated molecular mass of 55.8kDa. LIPG is fused to a 2 aa N-terminal linker, a 2 aa C-terminal linker and a 6 aa His tag at C-Terminus.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

LIPG, Lipase Endothelial, EDL, EL, Endothelial Cell-Derived Lipase, EC 3.1.1.3, PRO719, Endothelial Lipase, Lipoprotein Lipase H, EC 3.1.1.

**Formulation:**

LIPG was filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline pH 7.5 (PBS), 1% (w/v) Sucrose and 4% (w/v) Mannitol.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. LIPG is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

ASSPVPFGPE GRLEDKLNK KATQTEVKPS VRFNLRSTKD PEHEGCYLSV GHSQPLEDCS FNMTAKTFI  
IHGWTMSGIF ENWLHKLVA LHTREKDNV VVDWLPLAH QLYTDAVNNT RVVGHSIARM LDWLQEKDDF  
SLGNVHLIGY SLGAHVAGYA GNFVKGTVGR ITGLDPAGPM FEGADHKRL SPDDADFVDV LHTYTRSFGL  
SIGIQMPVGH IDIYPNGGDF QPGCGLNDVL GSIAYGTITE VVKCEHERAV HLFVDSLNVQ DKPSFAFQCT  
DSNRFKKGIC LSCRKNRCNS IGYNAKMRN KRNSKMYLKT RAGMPFRVYH YQMKIHVFSY KNMGEIEPTF  
YVTLYGTNAD SQTLPLEIVE RIEQNATNTF LVYTEEDLGD LLKIQLTWEG ASQSWYNLWK EFRSYLSQPR  
NPGRELNIRR IRVKSGETQR KLTFTCTDPE NTSISPGREL WFRKCRDGWR MKNETSPTVE LP KLHHHHHHH.