

Recombinant Human LIPG Protein, His-tagged

Cat. No. LIPG-697H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIPG(Ala175~Ile412) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala175~Ile412
Description	The protein encoded by this gene has substantial phospholipase activity and may be involved in lipoprotein metabolism and vascular biology. This protein is designated a member of the TG lipase family by its sequence and characteristic lid region which provides substrate specificity for enzymes of the TG lipase family.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	30.4kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein

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 centigrade 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.

Storage

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

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name

LIPG lipase, endothelial [Homo sapiens]

Official Symbol

LIPG

Synonyms

LIPG; lipase, endothelial; endothelial lipase; EDL; lipoprotein lipase H; endothelial cell-derived lipase; EL; PRO719;

Gene ID

9388

mRNA Refseq

NM_006033

Protein Refseq

NP_006024

MIM

603684

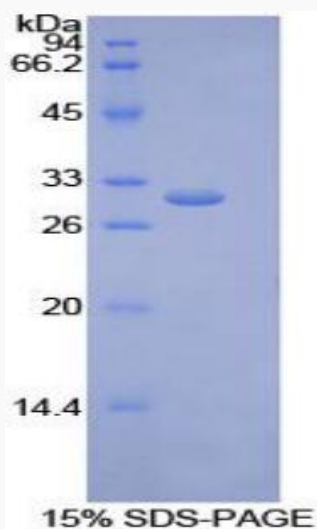
UniProt ID

Q9Y5X9

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