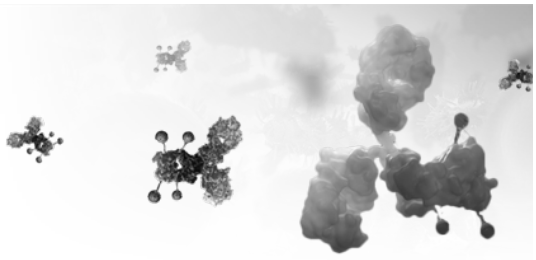

LIPG blocking peptide (DAG-P1701)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jul 2008]
Specificity	High level of expression in the liver, placenta, lung, thyroid, kidney, testis and in the corpus luteum of the ovary. Expressed also in coronary artery endothelial cells, umbilical vein endothelial cells and in hepatocyte and osteosarcoma cell lines. Not
Purity	> 90 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the AB hydrolase superfamily. Lipase family.Contains 1 PLAT domain.
Format	Liquid
Buffer	Preservative: 0.02% Thimerosal (merthiolate) Constituents: 0.1% BSA, PBS, pH 7.2
Preservative	0.02% Thimerosal
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: 0.02% Thimerosal (merthiolate) Constituents: 0.1% BSA, PBS, pH 7.2

GENE INFORMATION

Gene Name	LIPG lipase, endothelial [Homo sapiens (human)]
Official Symbol	LIPG

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Synonyms	LIPG; lipase, endothelial; EL; EDL; PRO719; endothelial lipase; lipoprotein lipase H; endothelial cell-derived lipase;
Entrez Gene ID	9388
mRNA Refseq	NM_006033.2
Protein Refseq	NP_006024.1
UniProt ID	Q9Y5X9
Chromosome Location	18q21.1
Pathway	Acylglycerol degradation, organism-specific biosystem; Acylglycerol degradation, conserved biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; triacylglycerol degradation, organism-specific biosystem;
Function	heparin binding; lipoprotein lipase activity; phosphatidylcholine 1-acylhydrolase activity; phospholipase activity;

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