Recombinant Full Length Human LIPG Protein, C-Flag-tagged

Cat. No. LIPG-183HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LIPG Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54.6 kDa
AA Sequence	MSNSVPLLCFWSLCYCFAAGSPVPFGPEGRLEDKLHKPKATQTEVKPSVRFNLRTS KDPEHEGCYLSVG HSQPLEDCSFNMTAKTFFIIHGWTMSGIFENWLHKLVSALHTR EKDANVVVVDWLPLAHQLYTDAVNNT RVVGHSIARMLDWLQEKDDFSLGNVHLIGY SLGAHVAGYAGNFVKGTVGRITGLDPAGPMFEGADIHKR LSPDDADFVDVLHTYTR SFGLSIGIQMPVGHIDIYPNGGDFQPGCGLNDVLGSIAYGTITEVVKCEHER AVHLFV DSLVNQDKPSFAFQCTDSNRFKKGICLSCRKNRCNSIGYNAKKMRNKRNSKMYLKT RAGMPFR VYHYQMKIHVFSYKNMGEIEPTFYVTLYGTNADSQTLPLEIVERIEQNAT NTFLVYTEEDLGDLLKIQL TWEGASQSWYNLWKEFRSYLSQPRNPGRELNIRRIRV KSGETQRKLTFCTEDPENTSISPGQELWFRKC

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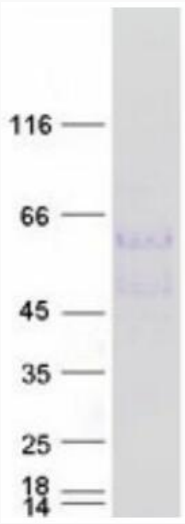
	RDGWRMKNETSPTVELPSGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Protein Pathways	Glycerolipid metabolism, Metabolic pathways
Full Length	Full L.

GENE INFORMATION

Gene Name	LIPG lipase G, endothelial type [Homo sapiens (human)]
Official Symbol	LIPG
Synonyms	EL; EDL; PRO719
Gene ID	9388
mRNA Refseq	NM_006033.4

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Protein Refseq	NP_006024.1
MIM	603684
UniProt ID	Q9Y5X9



Coomassie blue staining of purified LIPG protein.

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