

Recombinant Human LIPG Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LIPG-1639H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LIPG MS Standard C13 and N15-labeled recombinant protein (NP_006024) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	56.77 kDa
AA Sequence	MSNSVPLLCFWSLCYCFAAGSPVPFGPEGRLEDKLHKPKATQTEVKPSVRFNLR TSKDPEHEGCVLSVGHSQPLEDCSFNMTAKTFFIIHGWTMSGIFENWLHKLVSALHTRE KDANVVVVDWLPLAHQLYTDVNNTRVVGHSIARMLDWLQEKDDFSLGNVHLIGYS LGAHVAGYAGNFVKGTVGRITGLDPAGPMFEGADIIHKRLSPDDADFDVVLHTYTRS FGLSIGIQMPVGHIDIYPNGGDFQPGCGLNDVLGSIAYGTITEVVKCEHERAVHLFVD SLVNQDKPSFAFQCTDSNRFFKGICLSCRKNRCNSIGYNAKMRNKRNSKMYLKTR AGMPFRVYHYQMKIHFVSYKNMGEIEPTFYVTLYGTNADSQTLPLEIVERIEQNATNT FLVYTEEDLGDLLKIQLTWEGASQSWYNLWKEFRSYLSQPRNPGRELNIRRIKRVKSG ETQRKLTFCCTEDPENTSISPGQELWFRKCRDGWRMKNETSPTVELPSGPTRTRRLE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

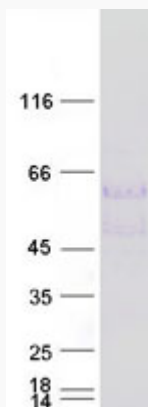
GENE INFORMATION

Gene Name	LIPG lipase G, endothelial type [Homo sapiens (human)]
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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SDS-PAGE

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