

Product datasheet for **TP309248L**

LIPG (NM_006033) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lipase, endothelial (LIPG), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by RC209248 Blue=ORF Red=Cloning site Green=Tag(s)

MSNSVPLLCFWSLCYCF AAGSPVFP GPEGRLEDK LHKPKATQTEVKPSVRFNLRTSKDPEHEGCYLSVG
HSQPLEDCSFNMTAKTFFIIHGWTMSGIFENWLHKLVSALHTREKDANVVVDWLPLAHQLYTDVAVNNT
RVVGHSIARMLDWLQEKKDDFSLGNVHLIGYSLGAHVAGYAGNFVKGTVGRITGLDPAGPMFEGADIHKR
LSPDDADFDVLDLHTYTRSFGLSIGIQMPVGHIDIYPNGGDFQPGCGLNDVLGSIAYGTITEVVKCEHER
AVHLFVDSL VNQDKPSFAFQCTDSNRFKKIGCLSCRKNRNCNSIGYNAKKMRNKRNSKMYLKTRAGMPFR
VYHYQMKIHVFSYKNMGEIEPTFYVTLYGTNADSQTLPLEIVERIEQNATNTFLVYTEEDLGDLLKIQL
TWEGASQSWYNLWKEFRSYLSQPRNPGRELNIRRVKSGETQRKLTFCCTEDPENTSISPGQELWFRKC
RDGWRMKNETSPTVELP
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using RC209248 also available, [TP309248](#)

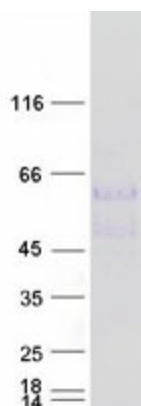
Tag:	C-Myc/DDK
Predicted MW:	54.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006024
Locus ID:	9388
UniProt ID:	Q9Y5X9 , A0A024R2B5
RefSeq Size:	4143
Cytogenetics:	18q21.1
RefSeq ORF:	1500
Synonyms:	EDL; EL; PRO719
Summary:	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]
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Glycerolipid metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified LIPG protein (Cat# [TP309248]). The protein was produced from HEK293T cells transfected with LIPG cDNA clone (Cat# [RC209248]) using MegaTran 2.0 (Cat# [TT210002]).