

## Product datasheet for **TP309248**

### LIPG (NM\_006033) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lipase, endothelial (LIPG), 20 µg
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  
RVVGHSIARMLDWLQEKDDFSLGNVHLIGYSLGAHVAGYAGNFVKGTVGRITGLDPAGPMFEGADIHKR  
LSPDDADFDVLDLHTYTRSFGLSIGIQMPVGHIDIYPNGGDFQPGCGLNDVLGSIAYGTITEVVKCEHER  
AVHLFVDSLNVQDKPSFAFQCTDSNRFKKIGLSCRKNRNCNSIGYNAKKMRNKRNSKMYLKTRAGMPFR  
VYHYQMkihVFSYKNMGEIEPTFYVTLYGTNADSQTLPLEIVERIEQNATNTFLVYTEEDLGDLLKIQL  
TWEGASQSWYNLWKEFRSYLSQPRNPGRELNIRIRVKSGETQRKLTFCTEDPENTSISPGQELWFRKC  
RDGWRMKNETSPTVELP  
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

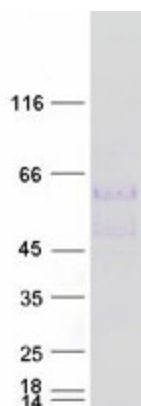
Recombinant protein using RC209248 also available, [TP309248](#)

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.



[View online »](#)

<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006024</a>
<b>Locus ID:</b>	9388
<b>UniProt ID:</b>	<a href="#">Q9Y5X9</a>
<b>RefSeq Size:</b>	4143
<b>Cytogenetics:</b>	18q21.1
<b>RefSeq ORF:</b>	1500
<b>Synonyms:</b>	EDL; EL; PRO719
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	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]).