

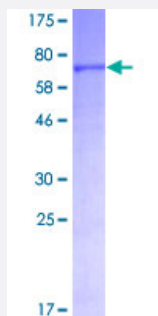
Full-Length

LIPG (Human) Recombinant Protein (P01)

Catalog # H00009388-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LIPG full-length ORF (AAH60825.1, 21 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

SPVPFGPEGRLEDKLHKPKATQTEVKPSVRFNLRTSKDPEHEGCYLSVGHSQPLEDCSFNMTA
KTFFIIHGWTMSGIFENWLHKLVSALHTREKDANVVVDWLPLAHQLYTDVNNTRVVGHSIARML
DWLQEKDDFSLGNVHLIGYSLGAHVAGYAGNFVKGTVGRITGLDPAGPMFEGADIIHKRLSPDDA
DFVDVLHTYTRSFGLSIGIQMPVGHIDYPNGGDFQPGCGLNDVLGSIAYGTITEVVKCEHERAVHLF
VDSL VNQDKPSFAFQCTDSNRFKKGICLSCRKNRCSIGYNAKKMRNKRNSKMYLKTRAGMPFR
VYHYQM KIHVFSYKNMGEIEPTFYVTL YGTNADSQTLPLEIVERIEQNATNTFLVYTEEDLGDLLKIQL
TWEGASQSWYNLWKEFRSYLSQPRNPGRELNIRIRVKSGETQRKLTFC TEDPENTSISPGQELW
FRKCRD GWRMKNETSPTVELP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.54

Interspecies Antigen Sequence

Mouse (80); Rat (79)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LIPG

Entrez GeneID	9388
GeneBank Accession#	BC060825
Protein Accession#	AAH60825.1
Gene Name	LIPG
Gene Alias	EDL, EL, PRO719
Gene Description	lipase, endothelial
Omim ID	603684
Gene Ontology	Hyperlink
Gene 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]
Other Designations	endothelial cell-derived lipase endothelial lipase lipoprotein lipase H

Pathway

- [Glycerolipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Acute Disease](#)
- [Alzheimer Disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Intracranial Thrombosis](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)

- [Obesity](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)