

Recombinant Human LIPC Protein (Glu47-Pro478), N-His tagged

Cat. No. LIPC-3725H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human LIPC (Glu47-Pro478) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu47-Pro478
Description	Enables phospholipase A1 activity and triglyceride lipase activity. Involved in several processes, including lipid homeostasis; plasma lipoprotein particle remodeling; and triglyceride catabolic process. Located in extracellular space. Implicated in several diseases, including Alzheimer's disease; coronary artery disease; familial combined hyperlipidemia; peripheral vascular disease; and type 2 diabetes mellitus. Biomarker of hyperinsulinism; obesity; and type 1 diabetes mellitus.
Form	Lyophilized powder/frozen liquid
Molecular Mass	50.65 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.

 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

Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02% NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

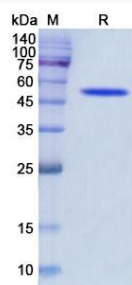
Gene Name	LIPC lipase C, hepatic type [Homo sapiens (human)]
Official Symbol	LIPC
Synonyms	LIPC; lipase C, hepatic type; HL; HTGL; LIPH; HDLCQ12; hepatic triacylglycerol lipase; Triacylglycerol lipase; hepatic lipase; lipase member C; lipase, hepatic; lysophospholipase; phospholipase A1; EC 3.1.1.3; EC 3.1.1.32; EC 3.1.1.5
Gene ID	3990
mRNA Refseq	NM_000236
Protein Refseq	NP_000227
MIM	151670
UniProt ID	P11150

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SDS-PAGE



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