

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

Cat. No. LIPC-3238H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LIPC MS Standard C13 and N15-labeled recombinant protein (NP_000227) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	LIPC encodes hepatic triglyceride lipase, which is expressed in liver. LIPC has the dual functions of triglyceride hydrolase and ligand/bridging factor for receptor-mediated lipoprotein uptake.
Molecular Mass	55.85 kDa
AA Sequence	MDTSPLCFSILLVLCIFIQSSALGQSLKPEPFGRRRAQAVETNKTLEHMKTRFLLFGET NQGCQIRINHPDTLQECGFNSSLPLVMIIHGWSVDGVLENWIIWQMVAALKSQPAQP VNVGLVDWITLAHDHYTIAVRNTRLVGKEVAALLRWLEESVQLSRSHVHLIGYSLGA HVSGFAGSSIGGTHKIGRITGLDAAGPLFEGSAPSNRLSPDDASFVDIHTFTREHM GLSVGIKQPIGHYDFYPNGGSFQPGCHFLELYRHIAQHGFNAITQTIKCSHERSVHLF IDSLHAGTQSMAYPCGDMNSFSQGLCLSCCKGRCNTLGYHVRQEPRSKSKRLFLV TRAQSPFKVYHYQLKIQFINQTETPIQTTFTMSLLGTKEKMQKIPITLGKGIASNKTYS FLITLDVDIGELIMIKFKWENSAVWANVWDTVQTIIPWSTGPRHSGLVLKTIRVKAGET QQRMTFCSENTDDLLLRPTQEKIFVKCEIKSKTSKRKIRTRTRPLEQKLISEEDLAAN DILDYKDDDDKV

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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.

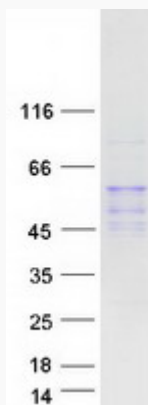
GENE INFORMATION

Gene Name	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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