

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

Cat. No. LIPE-6019H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LIPE MS Standard C13 and N15-labeled recombinant protein (NP_005348) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene has a long and a short form, generated by use of alternative translational start codons. The long form is expressed in steroidogenic tissues such as testis, where it converts cholesteryl esters to free cholesterol for steroid hormone production. The short form is expressed in adipose tissue, among others, where it hydrolyzes stored triglycerides to free fatty acids.
Molecular Mass	116.6 kDa
AA Sequence	MEPGSKSVSRSDWQPEPHQRPITPLEPGPEKTPIAQPESKTLQGSNTQQKPASNQ RPLTQQETPAQHDAESQKEPRAQQKSASQEEFLAPQKPAPQQSPYIQRVLLTQQEA ASQQGPGLGKESITQQEPALRQRHVAQPGPGPGEPPPAQQAESTPAAQAKPGAK REPSAPTESTSQETPEQSDKQTTTPVQGAQSKQGSLELGLTKLQELSIQRSALW KALSEWVTDSESESDVGSSSDTDSPATMGGMVAQGVKLGFKGKSGYKVMMSGYSG TSPHEKTSARNHRHYQDTASRLIHNDLRTMTQSLVTLAEDNIAFFSSQGPGETAQ RLSGVFAGVREQALGLEPALGRLLGVAHLFDLDPETPANGYRSLVHTARCCLAHLLH KSRVYASNRRSIFFRSHNLAELEAYLAALTQLRALVYYAQRLLVNRPGLVFFEGDE

 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

GLTADFLREYVTLHKGCFYGRCLGFQFTPAIRPFLQTIYIGLVSFGEHYKRNETGLSV
 AASSLFTSGRFAIDPELRGAEFERITQNLDVHFWKAFWNITEMEVLSSLANMASATV
 RVSRLLSLPPEAFEMPLTADPTLTVTISPPLAHTGPGPVLVRLISCDLREGQDSEELS
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 PIISIDYSLAPEAPFPRALEECFFAYCWAIKHCALLGSTGERICLAGDSAGGNLCFTVA
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 PMRRSVSEALAQPQGPLGTDSLKNLTLRDLRLGNSETSSDTPEMSLSAETLSPS
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 YSSPIVKNPFMSPLLAPDSMLKSLPPVHIVACALDPMLDDSVMLARRLRNLGQPVT
 RVVEDLPHGFLTALALCRETRQAAELCVERIRLVLTTPAGAGPSGETGAAGVDGGC
 GGRHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	LIPE lipase E, hormone sensitive type [Homo sapiens (human)]
Official Symbol	LIPE
Synonyms	LIPE; lipase, hormone-sensitive; hormone-sensitive lipase; HSL; hormone-sensitive

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lipase testicular isoform; LHS;

Gene ID 3991

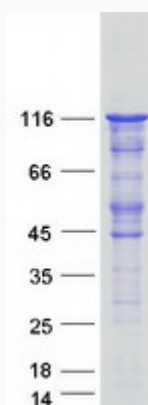
mRNA Refseq NM_005357

Protein Refseq NP_005348

MIM 151750

UniProt ID Q05469

SDS-PAGE



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