

Recombinant Full Length Human LIPE Protein, C-Flag-tagged

Cat. No. LIPE-713HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LIPE Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	116.4 kDa
AA Sequence	MEPGSKSVSRSDWQPEPHQRPITPLEPGPEKTPIAQPESKTLQGSNTQQKPASNQ RPLTQQETPAQHDAE SQKEPRAQQKSASQEEFLAPQKPAPQQSPYIQRVLLTQQE AASQQGPGLGKESITQQEPALRQRHVAQPG PGPGEPPPAQQEAESTPAAQAKPG AKREPSAPTESTSQETPEQSDKQTTTPVQGAKSKQGSLETGFLTKL QELSIQRSAL EWKALSEWVTDSESESDVGSSSDTDSPATMGGMVAQGVKLGFKGKSGYKVMMSGY SGTSPH EKTSARNHRHYQDTASRLIHNMDLRTMTQSLVTLAEDNIAFFSSQGPGET AQRLSGVFAGVREQALGLEP ALGRLLGVAHLFDLDPETPANGYRSLVHTARCCLAH LLHKSRYVASNRRSIFRTSHNLAELEAYLAALT QLRALVYYAQRLLVNRPGLVLFEE

 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

GDEGLTADFLREYVTLHKGCFYGRCLGFQFTPAIRPFLQTIYIGLV SFGEHYKRNET
 GLSVAASSLFTSGRFAIDPELRGAEFERITQNLDVHFWKAFWNITEMEVLSSLANMA
 SA TVRVSRLLSLPPEAFEMPLTADPTLTVTISPPLAHTGPGPVLVRLISCDLREGQDS
 EELSSLIKSNGQRS LELWPRPQQAPRSRSLIVHFHGGGFVAQTSRSEPYLKSWA
 QELGAPIISIDYSLAPEAPFPRALEECFF AYCWAIKHCALLGSTGERICLAGDSAGGN
 LCFTVALRAAAYGVRVPDGIMAAYPATMLQPAASPSRLLSL MDPLLPLSVLSKCVSA
 YAGAKTEDHSNSDQKALGMMGLVRRDTALLRDFRLGASSWLNSFLELSGRKSQ K
 MSEPIAEPMRRSVSEAAALAPQPGPLGTDSLKNLTLRDLSLRGNSETSSDTPEMSLS
 AETLSPSTPSDVN FLLPPEDAGEEAEAKNELSPMDRGLGVRAAFPEGFHPRRSSQ
 GATQMPLYSSPIVKNPFMSPLLAPDSML KSLPPVHIVACALDPMLDDSVMLARRLR
 NLGQPVTLRVVEDLPHGFLTAAALCRETRQAAELCVERIRLV
 LTPPAGAGPSGETGAAGVDGGCGGRHTRTRPLEQKLISEEDLAANDILDYKDDDDK
 V

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Insulin signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name LIPE lipase E, hormone sensitive type [Homo sapiens (human)]

Official Symbol [LIPE](#)

Synonyms HSL; LHS; REH; AOMS4; FPLD6

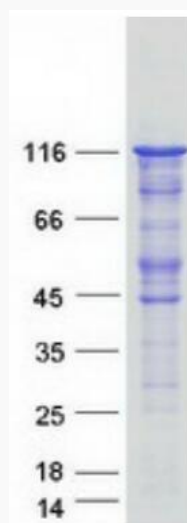
Gene ID [3991](#)

mRNA Refseq [NM_005357.4](#)

Protein Refseq [NP_005348.2](#)

MIM [151750](#)

UniProt ID [Q05469](#)



 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

Coomassie blue staining of purified LIPE protein.

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