

Recombinant Human LIPF Protein, GST-tagged

Cat. No. LIPF-06H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LIPF full-length ORF (BAG35782.1, 1 a.a. - 398 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-398
Description	This gene encodes gastric lipase, an enzyme involved in the digestion of dietary triglycerides in the gastrointestinal tract, and responsible for 30% of fat digestion processes occurring in human. It is secreted by gastric chief cells in the fundic mucosa of the stomach, and it hydrolyzes the ester bonds of triglycerides under acidic pH conditions. The gene is a member of a conserved gene family of lipases that play distinct roles in neutral lipid metabolism. Several transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	70.18 kDa
AA Sequence	MWLLLTMASLISVLGTTTHGLFGKLHPGSPEVTMNISQMITYWGYPNEEYEVVTEDEGY ILEVNRIPYGGKNSGNTGQRPVVFLLQHGLLASATNWISNLPNNSLAFILADAGYDVLW GNSRGNTWARRNLYYSPDSVEFWAFSFDMAKYDLPATIDFIVKKTGQKQLHYVGH SQGTTIGFIAFSTNPSLAKRIKTFYALAPVATVKYTKSLINKLRFVPQSLFKFIFGDKIFY PHNFFDQFLATEVCSREMLNLLCSNALFIICGFDSKNFNNTSRLDVYLSHNPAGTSVQ NMFHWTQAVKSGKFQAYDWGSPVQNRMHYDQSQPPYYNVTAMNVPIAVWNGGK

 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

DLLADPQDVGLLLPKLPNLIYHKEIPFYNHLDFIWAMDAPQEVYNDIVSMISEDKK

Applications

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

LIPF lipase F, gastric type [Homo sapiens (human)]

Official Symbol

LIPF

Synonyms

LIPF; lipase F, gastric type; GL; HGL; HLAL; gastric triacylglycerol lipase; gastric lipase; lipase, gastric; EC 3.1.1.3

Gene ID

8513

mRNA Refseq

NM_004190

Protein Refseq

NP_004181

MIM

601980

UniProt ID

P07098

 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