

Recombinant Human LIPF Protein, GST-tagged

Cat. No. LIPF-05H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LIPF partial ORF (299 a.a. - 398 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	299-398
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	36.74 kDa
AA Sequence	KSGKFQAYDWGSPVQNRMHYDQSQPPYYNVTAMNVPIAVWNGGKDLLADPQDVG LLLPKLPNLIYHKEIPFYNHLDIFIWAMDAPQEVYNDIVSMISEDKK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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

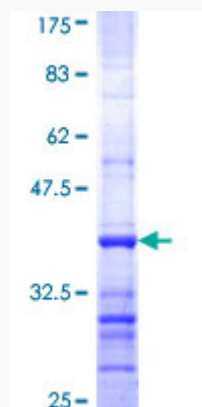
Gene Name	LIPF lipase F, gastric type [Homo sapiens (human)]
Official Symbol	LIPF
Synonyms	LIPF; lipase F, gastric type; GL; HGL; HLAL; gastric triacylglycerol lipase; gastric lipase; lipase, gastric; EC 3.1.1.3
Gene ID	8513
mRNA Refseq	NM_004190
Protein Refseq	NP_004181
MIM	601980
UniProt ID	P07098

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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