Recombinant Human LIPF Protein, Myc/DDK-tagged

Cat. No. LIPE-8393H **Lot. No.** (See product label)

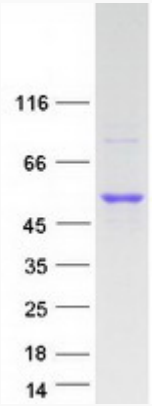
SPECIFICATION

Product Overview	Recombinant protein of human lipase, gastric (LIPF) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
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	43.2 kDa
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 μg/mL as determined by microplate BCA method

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

Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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
SDS-PAGE	

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 LIPF protein. The protein was produced from HEK293T cells transfected with LIPF cDNA clone using MegaTran 2.0.

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