



Human LIPF blocking peptide (CDBP1757)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|----------------------------|---|
| Product Overview | Blocking/Immunizing peptide for anti-LIPF antibody |
| Antigen 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. [provided by RefSeq, Nov 2010] |
| Species | Human |
| Conjugate | Unconjugated |
| Applications | Apuri, BL, ELISA |
| Format | Lyophilized powder |
| Size | 100 µg |
| Preservative | None |
| Storage | Shipped at ambient temperature, store at -20°C. |

GENE INFORMATION

| | |
|------------------------|--|
| Gene Name | LIPF lipase, gastric [Homo sapiens] |
| Official Symbol | LIPF |
| Synonyms | LIPF; lipase, gastric; gastric triacylglycerol lipase; HGL; HLAL; gastric lipase; GL; MGC138477; |

MGC142271;

| | |
|----------------------------|---|
| Entrez Gene ID | 8513 |
| mRNA Refseq | NM_001198828 |
| Protein Refseq | NP_001185757 |
| UniProt ID | P07098 |
| Chromosome Location | 10q23 |
| Pathway | Acylglycerol degradation, organism-specific biosystem; Acylglycerol degradation, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty Acid Beta Oxidation, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; |
| Function | hydrolase activity; lipid binding; retinyl-palmitate esterase activity; triglyceride lipase activity; |