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## Datasheet for ABIN7317177 LIPF Protein (His tag)

### Overview

Quantity:	100 µg
Target:	LIPF
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIPF protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Gastric Lipase/LIPF Protein (Baculovirus, His Tag)
Sequence:	Met 1-Lys398
Characteristics:	A DNA sequence encoding the human LIPF (AAI12273.1) (Met1-Lys398) was expressed with a C-terminal polyhistidine tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

### Target Details

Target:	LIPF
Alternative Name:	Gastric Lipase/LIPF ( <a href="#">LIPF Products</a> )
Background:	Background: 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,

## Target Details

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.

Synonym: HGL,HLAL,Gastric Triacylglycerol Lipase, GL, Gastric Lipase, LIPF

Molecular Weight:	44.6 kDa
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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