

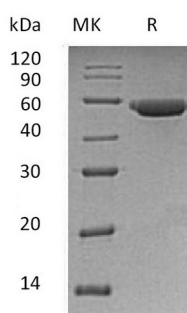
**Product Name: Recombinant Human LIPF (C-6His)**  
**Catalog #: PHH0717**



## Summary

<b>Name</b>	Gastric triacylglycerol lipase/LIPF
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Gastric Triacylglycerol Lipase is produced by our Mammalian expression system and the target gene encoding Leu20-Lys398 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	AAI12273.1
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	44.22 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 25mM Tris-HCl, 100mM glycine, 10% Glycerol, pH 7.3.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image



## Background

**Alternative Names** Gastric Triacylglycerol Lipase; GL; Gastric Lipase; LIPF

**Background** Gastric Triacylglycerol Lipase (LIPF) belongs to the AB hydrolase superfamily. LIPF is an important lipase during the digestion of dietary lipids in cystic fibrosis. LIPF is

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involved in the digestion of dietary triglycerides in the gastrointestinal tract, and responsible for 30% of fat digestion processes occurring in human. LIPF 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. LIPF acts distinct roles in neutral lipid metabolism.

**Note**

For Research Use Only , Not for Diagnostic Use.