

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

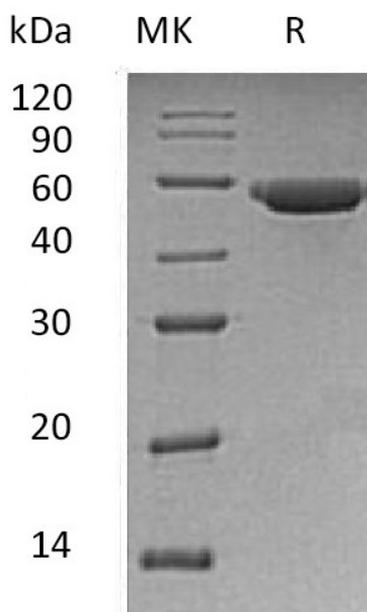


Summary

Name	Gastric triacylglycerol lipase/LIPF
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	AAI12273.1
Host	Human Cells
Species	Human
Predicted Molecular Mass	44.22 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 25mM Tris-HCl, 100mM glycine, 10% Glycerol, pH 7.3.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	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.
Reconstitution	

SDS-PAGE image

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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 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.