

Gastric triacylglycerol lipase (LIPF) Recombinant Protein | LIPF recombinant protein

Recombinant Dog Gastric triacylglycerol lipase (LIPF)

CATALOG # AAA113299	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Gastric triacylglycerol lipase (LIPF); Recombinant Dog Gastric triacylglycerol lipase (LIPF); LIPF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-398, Full length protein
Sequence	LFGKLHPTNP EVTMNISQMI TYWGYPAAEY EVVTEDGYIL GIDRIPYGRK NSENGRRPV AFLQHGLLAS ATNWISNLPN NSLAFILADA GYDVWLGNSR GNTWARRNLY YSPDSVEFWA FSFDEMAKYD LPATIDFILK KTGQDKLHYV GHSQGTIGF IAFSTNPKLA KRIKTFYALA PVATVKYTET LLNKLMLVPS FLFKLIFGNK IFYPHHFFDQ FLATEVCSRE TVDLLCSNAL FIICGFDTMN LNMSRLDVYL SHNPAGTSVQ NVLHWSQAVK SGKFQAFDWG SPVQNMHYH QSMPPYYNLT DMHVPIAVWN GGNDLLADPH DVDLLLSKLP NLIYHRKIPP YNHLDFIWAM DAPQAVYNEI VSMMGTDNK
Sequence Length	379
Species	Canis familiaris (Dog) (Canis lupus familiaris)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for LIPF recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50978972
NCBI GeneID	403867
NCBI Accession #	NP_001003209.1
NCBI GenBank Nucleotide #	NM_001003209.1
UniProt Accession #	P80035 ; O02857
Molecular Weight	45,131 Da
NCBI Official Full Name	gastric triacylglycerol lipase
NCBI Official Synonym Full Names	lipase F, gastric type
NCBI Official Symbol	LIPF

NCBI Official Synonym Symbols	DGL
NCBI Protein Information	gastric triacylglycerol lipase
UniProt Protein Name	Gastric triacylglycerol lipase
UniProt Gene Name	LIPF
UniProt Synonym Gene Names	GL; Gastric lipase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lipf-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113299>