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Datasheet for ABIN2721713

LIPF Protein (Transcript Variant 2) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 10 µg |
| Target: | LIPF |
| Protein Characteristics: | Transcript Variant 2 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This LIPF protein is labelled with His tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

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|------------------|--|
| Characteristics: | <ul style="list-style-type: none">• Recombinant human Gastric lipase (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone |
| Purity: | > 95 % as determined by SDS-PAGE and Coomassie blue staining |
| Endotoxin Level: | Endotoxin level is <0.1 ng/µg of protein (<1EU/µg). |

Target Details

| | |
|-------------------|--|
| Target: | LIPF |
| Alternative Name: | Gastric Lipase (LIPF Products) |
| 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 |

Target Details

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.

Molecular Weight: 44.22kD

NCBI Accession: [NP_004181](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Buffer: Lyophilized from a 0.2 µM filtered solution of 25 mM TrisHCl, 100 mM glycine, 10 % glycerol, pH 7.3

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.