

Recombinant Chicken Lipoprotein Lipase (LPL)

Cat. No.: AP2C384

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Lipoprotein Lipase (LPL) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 55.1 kDa. The purity is >85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	55.1 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken lipoprotein lipase (LPL) hydrolyzes triglycerides in lipoproteins, regulating lipid metabolism and energy storage. In chickens, it influences fat deposition, egg yolk formation, and growth efficiency. LPL activity impacts meat quality and reproductive performance. Research on chicken LPL supports dietary formulations to optimize poultry body composition and productivity.

Protein	Chicken Lipoprotein Lipase (LPL)
Protein Synonym	Phospholipase A1; LPL
Gene ID	396219
UniProt ID	P11602

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.