

Recombinant Porcine Leptin (LEP)

Cat. No.: AP7F525

Product Type: Animal Proteins

Size: 100 µg

Product Overview

BioVenic's Recombinant Porcine Leptin (LEP) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 16 kDa. The purity is >99% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Swine
Expression System	<i>E.coli</i>
Purity	>99% (SDS-PAGE)
Predicted Molecular Weight	16 kDa
Physical State	Lyophilized
Formulation	0.02% NaHCO ₃ .

Target Information

Leptin, referred to as the obesity factor, is encoded by the *LEP* gene in pigs. It has been recognized as a promising candidate gene correlated with intramuscular fat content in pigs. As a primary signal of energy status, leptin levels affect appetite, satiety, and behaviors aimed at maintaining energy reserves.

Protein	Porcine Leptin (LEP)
Protein Synonym	leptin, OB, OBS, obese, obesity factor
Gene ID	396832
UniProt ID	Q29406

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store at -20°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquote the reconstituted solution to minimise 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.