

Recombinant Equine Leptin (LEP)

Cat. No.: AP7F514

Product Type: Animal Proteins

Size: 100 µg

Product Overview

BioVenic's Recombinant Equine Leptin (LEP) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 16 kDa. The purity is >95% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Equine
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Predicted Molecular Weight	16 kDa
Physical State	Lyophilized
Formulation	0.0045 mM NaHCO ₃ .

Target Information

Leptin, encoded by the *LEP* gene in horses, plays a crucial role in regulating energy balance and body weight. Upon release into the bloodstream, leptin exerts both central and peripheral effects by binding to the LEPR receptor, which is present in various tissues. This binding activates several major signaling pathways.

Protein	Equine Leptin (LEP)
Protein Synonym	Leptin; LEP; Obesity factor; OB
UniProt ID	Q9TU09

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.