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Recombinant Swine Bone Morphogenetic Protein 6 (BMP6)

Cat. No.: AP9C73

Product Type: Animal Proteins

Size: 20 μg; 100 μg; 1 mg

Product Overview

BioVenic's Recombinant Swine Bone Morphogenetic Protein 6 (BMP6) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 50.6 kDa. The purity is>85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Swine
Expression System	*E.coli*
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	50.6 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

Target Information

Swine bone morphogenetic protein 6 (BMP6) is a member of the TGF-β superfamily, which is involved in the regulation of bone and cartilage formation. BMP6 plays a key role in osteoblast differentiation and bone matrix mineralization, contributing to skeletal development and repair. In swine, BMP6 may be significant in research for enhancing bone growth and could be targeted in breeding programs to improve bone quality and musculoskeletal health.

Protein	Swine Bone Morphogenetic Protein 6 (BMP6)
Gene ID	100155536
UniProt ID	H0VRC6

Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protein solution can be stored at 4°C for 1 week, at < -80°C for 12 months. Avoid repeated freezing and thawing.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water to a concentrat ion of 0.1-1.0 mg/mL.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.