

Recombinant Chicken Integrin-Binding Sialoprotein (IBSP)

Cat. No.: AP2C338

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Integrin-Binding Sialoprotein (IBSP) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 30.3 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	30.3 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken integrin-binding sialoprotein (IBSP) is a glycoprotein crucial for bone and tooth mineralization. It promotes cell adhesion and mineralization by binding to integrin receptors. IBSP also regulates the assembly and stability of the extracellular matrix, playing an essential role in skeletal development and tissue repair. In chickens, IBSP is likely associated with bone metabolism and tooth formation.

Protein	Chicken Integrin-Binding Sialoprotein (IBSP)
Protein Synonym	Bone sialoprotein II (BSP II); Cell-binding sialoprotein
Gene ID	396071
UniProt ID	P79780

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. 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.