

Recombinant Chicken Vinculin (VCL)

Cat. No.: AP2C412

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Vinculin (VCL) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 124.6 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	124.6 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken Vinculin (VCL) is a cytoskeletal protein involved in cell adhesion and mechanotransduction. In chickens, it strengthens cell-matrix interactions and stabilizes focal adhesions, contributing to cell structure and resistance to mechanical stress.

Protein	Chicken Vinculin (VCL)
Protein Synonym	VCL; VINC1; Vinculin; Metavinculin
Gene ID	396422
UniProt ID	P12003

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.