

Recombinant Chicken Apoptosis Regulator Bcl-2 (BCL2)

Cat. No.: AP2C368

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Apoptosis Regulator Bcl-2 (BCL2) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 25.7 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	25.7 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken apoptosis regulator Bcl-2 (BCL2) is an anti-apoptotic protein that inhibits programmed cell death by stabilizing mitochondrial membranes. In chickens, it promotes cell survival during development, immune responses, and stress adaptation. It balances apoptosis in tissues like the thymus and lymphoid organs, ensuring proper immune function. Overexpression of BCL2 is linked to tumor resistance, while deficiency increases susceptibility to infections. Research on chicken BCL2 aids in understanding cancer biology and enhancing poultry disease resilience through targeted genetic modulation.

Protein	Chicken Apoptosis Regulator Bcl-2 (BCL2)
Protein Synonym	BCL2; BCL-2
Gene ID	396282
UniProt ID	Q00709

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.