

Recombinant Chicken Gap Junction Gamma-1 Protein (GJC1)

Cat. No.: AP2C432

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Gap Junction Gamma-1 Protein (GJC1) is a recombinant protein expressed from *E. coli*. Its predicted molecular weight is 45.4 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	45.4 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken gap junction gamma-1 protein (GJC1) is a component of gap junctions, which are intercellular channels that facilitate the direct exchange of ions, small molecules, and electrical signals between adjacent cells. This protein is crucial for cellular communication and coordination, playing a vital role in various physiological processes, including tissue development, homeostasis, and response to stimuli.

Protein	Chicken Gap Junction Gamma-1 Protein (GJC1)
Protein Synonym	Connexin-45 (Cx45); Gap junction alpha-7 protein
Gene ID	128088790
UniProt ID	P18861

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.