

## Recombinant Chicken Contactin-1 (CNTN1)

Cat. No.: AP2C392

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

### Product Overview

BioVenic's Recombinant Chicken Contactin-1 (CNTN1) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 112.5 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	112.5 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

### Target Information

Chicken contactin-1 (CNTN1) is a cell adhesion molecule involved in nervous system development and function in chickens. It is expressed in neurons and plays a crucial role in axon guidance, promoting the outgrowth and branching of axons during neural development. CNTN1 also facilitates synaptic formation and stabilization, contributing to proper neuronal connectivity. In chickens, this protein is essential for establishing and maintaining neural circuits, influencing behaviors and sensory processing. It helps neurons communicate effectively, supporting overall brain function and development.

Protein	Chicken Contactin-1 (CNTN1)
Protein Synonym	Neural cell recognition molecule F11; CNTN1
Gene ID	<a href="#">417786</a>
UniProt ID	<a href="#">P14781</a>

### 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.

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### **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.

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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.