

Recombinant Chicken Ciliary Neurotrophic Factor (CNTF), N-His

Cat. No.: AP1C316

Product Type: Animal Proteins

Size: 50 µg; 100 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Chicken Ciliary Neurotrophic Factor (CNTF), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 21.3 kDa. The purity is >90% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	21.3 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

Target Information

Chicken ciliary neurotrophic factor (CNTF) is a pluripotent neurotrophic factor that plays a significant role in the development and maintenance of the nervous system in chickens. It is particularly important for the optic nervous system and has been implicated in the treatment of various vision-related diseases. CNTF is known for its neuroprotective effects on a variety of central and peripheral nervous system neurons, promoting the survival and function of these cells.

Protein	Chicken Ciliary Neurotrophic Factor (CNTF)
Protein Synonym	Growth-promoting activity (GPA)
Gene ID	396488
UniProt ID	Q02011

Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protein solution can be stored at 4°C for 1 week, at $< -80^{\circ}\text{C}$ for 12 months.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquote the reconstituted solution to minimise 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.