

Recombinant Chicken Somatotropin (GH)

Cat. No.: AP7F553

Product Type: Animal Proteins

Size: 20 µg; 100 µg

Product Overview

BioVenic's Recombinant Chicken Somatotropin (GH) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 22.2 kDa. The purity is >99% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Biological Activity	Active
Purity	>99% (SDS-PAGE)
Predicted Molecular Weight	22.2 kDa
Physical State	Lyophilized
Formulation	0.3% NaHCO ₃ , pH 8.

Target Information

Growth hormone is encoded by the *GH* gene in chickens. Research showed that quercetin increased content of growth hormone (GH), in serum of laying hens during the late laying period.

Protein	Chicken Somatotropin (GH)
Protein Synonym	growth hormone, GH1, cGH, somatotropin, growth hormone 1, neural retina growth hormone
Gene ID	378781
UniProt ID	P08998

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store at -20°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile water or 0.4% NaHCO₃ adjusted to pH 8-9, not less than 100 µg/mL and not more than 3 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.