

Recombinant Chicken Glutamine Synthetase (GLUL)

Cat. No.: AP2C473

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Glutamine Synthetase (GLUL) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 42.1 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	42.1 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken Glutamine Synthetase (GLUL) catalyzes the synthesis of glutamine from glutamate and ammonia. It plays a crucial role in nitrogen metabolism and amino acid synthesis. GLUL helps maintain nitrogen balance and is important for the growth and development of chickens.

Protein	Chicken Glutamine Synthetase (GLUL)
Protein Synonym	Glutamate decarboxylase; Glutamate--ammonia ligase; p42
Gene ID	396489
UniProt ID	P16580

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.