

## Recombinant Chicken Lysozyme C (LYZ), N-MBP and C-His-Avi

Cat. No.: AP9C606

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

### Product Overview

BioVenic's Recombinant Chicken Lysozyme C (LYZ), N-MBP and C-His-Avi is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 62.1 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	62.1 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

### Target Information

Chicken lysozyme C (LYZ) is an enzyme found in various tissues and secretions of chickens, including egg whites. It catalyzes the hydrolysis of bacterial cell walls, providing an essential defense mechanism against bacterial infections. LYZ is particularly active against gram-positive bacteria, playing a key role in the innate immune system.

Protein	Chicken Lysozyme C (LYZ)
Gene ID	<a href="#">396218</a>
UniProt ID	<a href="#">P00698</a>

### 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°C for 12 months. Avoid repeated freezing and thawing.

## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water to a concentration of 0.1-1.0 mg/mL. Aliquote the reconstituted solution to minimise 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.