

## Recombinant Chicken Complement Component 4 (C4), N-His

Cat. No.: AP7F249

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

### Product Overview

BioVenic's Recombinant Chicken Complement Component 4 (C4), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 29.9 kDa. The purity is >80% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL). It can be used as a positive control or as an immunogen.

### Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Purity	>80% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	29.9 kDa
Molecular Weight	30 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, containing 0.01% SKL, 5% Trehalose.

### Target Information

Complements play important roles in animal immunity. Research showed that dietary supplementation of recombinant plectasin (PIe) or enramycin significantly increased the serum complement 4 concentration in broilers.

Protein	Chicken Complement Component 4 (C4)
Protein Synonym	complement 4, C4-2, MHC-linked complement C4, complement C4
Gene ID	<a href="#">426611</a>
UniProt ID	<a href="#">A0A3Q2UG72</a>

### Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 4 weeks at 2-8°C, for 12 months at -80°C.

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## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH 7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. 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.