

## Recombinant Chicken Retinol Binding Protein 4 (RBP4), N-His

Cat. No.: AP7F6

Product Type: Animal Proteins

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

### Product Overview

BioVenic's Recombinant Chicken Retinol Binding Protein 4 (RBP4), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 21.5 kDa. The purity is greater than 90% (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	>90% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	21.5 kDa
Molecular Weight	22 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

### Target Information

Retinol-binding protein 4, also known as RBP4, belongs to the lipid-depository protein family and is a specific carrier of retinol in the blood. Research showed that *RBP4* gene might play an important role in reproduction traits in chickens.

Protein	Chicken Retinol Binding Protein 4 (RBP4)
Protein Synonym	retinol binding protein 4; RBP; RBP4A; retinol-binding protein 4; PRBP; plasma retinol-binding protein; retinol binding protein 4 A plasma; retinol binding protein 4 plasma
Gene ID	<a href="#">396166</a>
UniProt ID	<a href="#">P41263</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.

---

## 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. 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.