

## Recombinant Porcine Retinol Binding Protein 1, Cellular (RBP1), N-His

Cat. No.: AP7F222

Product Type: Animal Proteins

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

### Product Overview

BioVenic's Recombinant Porcine Retinol Binding Protein 1, Cellular (RBP1), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 16.9 kDa. The purity is >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	Swine
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	16.9 kDa
Molecular Weight	17 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

### Target Information

Retinol binding protein 1 (RBP1) plays a pivotal role in vitamin A metabolism by facilitating the esterification of retinol to retinyl esters and its oxidation to retinal and retinoic acid.

Protein	Porcine Retinol Binding Protein 1, Cellular (RBP1)
Protein Synonym	Retinol binding protein 1; RBP1
UniProt ID	<a href="https://www.uniprot.org/entry/Q53J08">Q53J08</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.