

## Recombinant Chicken Beta-2-Microglobulin (B2M)

**Cat. No.:** AP2C439

**Product Type:** Animal Proteins

**Size:** 20 µg; 100 µg; 1 mg

### Product Overview

BioVenic's Recombinant Chicken Beta-2-Microglobulin (B2M) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 13.0 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	13.0 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

### Target Information

Chicken Beta-2-Microglobulin (B2M) is a small protein crucial for the immune system. In chickens, B2M is a key component of Major Histocompatibility Complex (MHC) class I molecules, helping present antigens to CD8+ T cells and facilitating immune responses against infections and diseases.

Protein	Chicken Beta-2-Microglobulin (B2M)
Protein Synonym	B2M
Gene ID	<a href="#">414830</a>
UniProt ID	<a href="#">P21611</a>

### 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.

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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.