

## Recombinant Feline Beta-2-Microglobulin (B2M), C-His

Cat. No.: AP9C693

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

### Product Overview

BioVenic's Recombinant Feline Beta-2-Microglobulin (B2M), C-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 18.4 kDa. The purity is >90% (SDS-PAGE).

### Specifications

Type	Recombinant Protein
Species	Feline
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	18.4 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

### Target Information

Feline beta-2-microglobulin is a small protein that is a component of the major histocompatibility complex (MHC) class I molecules. It plays a critical role in immune surveillance, helping the immune system recognize and respond to infected or abnormal cells. In cats, it is also used as a biomarker for various diseases, including kidney function and immune-mediated conditions.

Protein	Feline Beta-2-Microglobulin (B2M)
Gene ID	<a href="#">494145</a>
UniProt ID	<a href="#">Q5MGS7</a>

### Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquot 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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquot 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.