

## Recombinant Swine GP5, C-His

Cat. No.: AP9C101

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

### Product Overview

BioVenic's Recombinant Swine GP5, C-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 16.1 kDa. The purity is >90% (SDS-PAGE).

### Specifications

Type	Recombinant Protein
Species	Swine
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	16.1 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

### Target Information

Swine reproductive and respiratory syndrome virus GP5 is a glycoprotein found on the surface of the virus, which is crucial for viral attachment and entry into host cells. It is a major antigenic determinant and plays a significant role in inducing neutralizing antibodies in swine.

Protein	Swine GP5
Gene ID	<a href="#">100523640</a>
UniProt ID	<a href="#">C4PGC4</a>

### Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote 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 sterile distilled water to a concentration of 0.1-1.0 mg/mL. 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.