

Recombinant Swine Coagulation Factor VIII (F8), C-His

Cat. No.: AP9C93

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Swine Coagulation Factor VIII (F8), C-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 45.0 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	45.0 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

Target Information

Swine coagulation factor VIII (F8) is a protein that plays a critical role in the coagulation cascade, essential for blood clotting. It serves as a cofactor for factor IXa, accelerating the conversion of factor X to factor Xa and thus promoting the formation of blood clots. This protein is vital in managing and preventing bleeding disorders in swine

Protein	Swine Coagulation Factor VIII (F8)
Protein Synonym	Procoagulant component
Gene ID	397339
UniProt ID	P12263

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.

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.