500-E Wheeler Rd, Hauppauge, NY 11788
info@biovenic.com
www.biovenic.com

Recombinant Bovine Non-Structural Protein of 4.8 kDa, N-His-SUMO

Cat. No.: AP9C173

Product Type: Animal Proteins

Size: 20 μg; 100 μg; 1 mg

Product Overview

BioVenic's Recombinant Bovine Non-Structural Protein of 4.8 kDa, N-His-SUMO is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 17.9 kDa. The purity is>85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Bovine
Expression System	*E.coli*
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	17.9 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

Target Information

Bovine coronavirus Non-structural protein of 4.8 kDa (4b) plays a role in the virus's replication mechanism and immune evasion wit hin the Bovine host. In veterinary research, understanding the function of protein 4b contributes to developing strategies for diseas e prevention and control. It may also be a potential target for antiviral therapies, aiding in the management of coronavirus infections in cattle and reducing the impact on livestock health and productivity.

Protein	Bovine Non-Structural Protein of 4.8 kDa
Protein Synonym	ns4.8; 4.8 kDa accessory protein
Gene ID	1724649
UniProt ID	P0C2R8

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 concentrati on 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.