

Recombinant Bovine Protein Kinase C Eta Type (PRKCH), N-His

Cat. No.: AP9C504

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Bovine Protein Kinase C Eta Type (PRKCH), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is N/A. The purity is >97% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Bovine
Expression System	<i>E.coli</i>
Purity	>97% (SDS-PAGE)
Endotoxin	< 1 EU/µg
Predicted Molecular Weight	N/A
Physical State	Lyophilized
Formulation	The buffer before lyophilization is PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Target Information

Bovine protein kinase C eta (PKC η) is a calcium-independent and phospholipids-dependent protein kinase, predominantly expressed in epithelial tissues. It is involved in regulating keratinocyte differentiation, apoptosis, and transcription activation, playing a role in cellular signaling pathways.

Protein	Bovine Protein Kinase C Eta Type (PRKCH)
Protein Synonym	PRKCH; PRKC-H; PKC-L; PRKCL; NPKC-Eta
Gene ID	518542
UniProt ID	F1MY82

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.