

Recombinant Swine Angiogenin (ANG)

Cat. No.: AP9C30

Product Type: Animal Proteins

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

Product Overview

BioVenic's Recombinant Swine Angiogenin (ANG) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 15.5 kDa. The purity is >97% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Swine
Expression System	<i>E.coli</i>
Purity	>97% (SDS-PAGE)
Predicted Molecular Weight	15.5 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Target Information

Swine angiogenin is a monomeric protein of approximately 14kDa, known for its ability to promote the development of the capillary blood system in tissues. It is part of the pancreatic ribonuclease superfamily and has been associated with regulatory roles in the nervous system and immune response.

Protein	Swine Angiogenin (ANG)
Protein Synonym	RNASE5; Ribonuclease, RNase A Family 5
Gene ID	733639
UniProt ID	P31346

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 $< -80^{\circ}\text{C}$ 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. Aliquote 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.