

Native Crotalus adamanteus Venom Phospholipase A2 (PLA2)-Active

Cat. No.: AP6F3

Product Type: Animal Proteins

Size: 1 mg

Product Overview

BioVenic Native Crotalus adamanteus Venom Phospholipase A2 (PLA2)-Active is a native protein derived from Crotalus adamanteus Venom.

Specifications

Type	Native Protein
Species	Crotalus adamanteus
Source	Venom
Biological Activity	460 U/mg solid
Physical State	Lyophilized

Target Information

This enzyme is a major toxic component of Crotalus adamanteus venom. It selectively catalyzes the hydrolysis of the sn-2 acyl bond of phospholipids, releasing free fatty acids and lysophospholipids. Beyond digestion, it plays a critical role in disrupting host cell membranes, inducing hemolysis, and triggering inflammatory cascades. In research, it is a vital tool for studying lipid signaling, membrane remodeling, and the development of small-molecule inhibitors for snakebite therapeutics.

Protein	Crotalus adamanteus Venom Phospholipase A2 (PLA2)
Protein Synonym	CavPLA2; Acidic phospholipase A2; PA2BA; Phosphatidylcholine 2-acylhydrolase; Group IIA PLA2

Shipping and Storage

This product is shipped with gel ice bags. It is recommended to store at 4°C on receipt (up to 24 months).

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.