Bioactive

Phospholipase A2 (*C. adamanteus*)

Catalog # P5302 Size 1 mg

Specification

Product Description	Lyophilized. Dialyzed.
Biological function	Phospholipase A2 is a member of the class of heat-stable, calcium-dependent enzymes catalyzing th e hydrolysis of the 2-acyl bond of 3-n-phosphoglycerides.
Host	Snake
Theoretical MW (kDa)	30
Form	Lyophilized
Preparation Method	Native protein chromatographically purified from *Crotalus adamanteus* Venom
Activity	>=200 units per mg dry weight. One Unit releases one micromole of acid from soybean lecithin per m inute at 25°C, pH 8.9.
Recommend Usage	Phospholipase A2 Assay
Storage Instruction	Store at 4°C.

Applications

- Enzyme Activity

Publication Reference

- Development of a bis-pyrene phospholipid probe for fluorometric detection of phospholipase A2 inhibition.

  Ruhani Sagar, Jinchao Lou, Michael D Best.

  Bioorganic & Medicinal Chemistry 2023 May; 87:117301.

  Application: KA, Liposome

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