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Datasheet

Phospholipase A2 (*C. adamanteus*)

Catalog Number: P5302

Regulation Status: For research use only (RUO)

Product Description: Lyophilized. Dialyzed.

Host: Snake

Theoretical MW (kDa): 30

Biological function: Phospholipase A2 is a member of the class of heat-stable, calcium-dependent enzymes catalyzing the hydrolysis of the 2-acyl bond of 3-n-phosphoglycerides.

Applications: Enzyme
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

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 minute at 25°C, pH 8.9.

Recommend Usage: Phospholipase A2 Assay

Storage Instruction: Store at 4°C.

References:
1. Development of a bis-pyrene phospholipid probe for fluorometric detection of phospholipase A2 inhibition. Ruhani Sagar, Jinchao Lou, Michael D Best. Bioorg Med Chem. 2023 May 3;87:117301. doi: 10.1016/j.bmc.2023.117301. Epub 2023 Apr 30.