

Native Bee Venom sPLA2 Protein

Cat. No. sPLA2-60B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native bee venom sPLA2 protein without tag was isolated from Bee venom.
Species	Bee venom
Source	Bee venom
Description	PLA2 catalyzes the hydrolysis of fatty acids at the sn-2 position of glycerophospholipids, yielding a free fatty acid and a lysophospholipid. The extracellular or secretory PLA2 obtained from snake or bee venom, mammalian pancreas, or human synovial fluid are small, 14 kDa proteins which are dependent on Ca ²⁺ for catalytic activity and can hydrolyze any fatty acid at the sn-2 position.
Form	Lyophilized powder
Molecular Mass	14 kDa
Purity	20% to 50% estimated by SDS-PAGE
Unit Definition	One unit of enzyme hydrolyzes one μmol of Diheptanoyl Thio-PC per minute at 25 centigrade.
Stability	≥ 2 years
Storage	Store it at -20 centigrade

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GENE INFORMATION

Gene Name	sPLA2 secretory Phospholipase A2 [<i>Drosophila melanogaster</i> (fruit fly)]
Official Symbol	sPLA2
Synonyms	sPLA2; secretory Phospholipase A2; CG11124; CG14507; Dmel\CG11124; secretory phospholipase A[[2]]; sPLA[[2]]; secretory phospholipase A2; CG11124-PA; CG11124-PB; CG11124-PC; sPLA2-PA; sPLA2-PB; sPLA2-PC; secreted phospholipase A2
Gene ID	35665
mRNA Refseq	NM_001014501
Protein Refseq	NP_001014501
UniProt ID	Q6XPX3

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