

Recombinant Bee PLA2 Protein

Cat. No. PLA2-006B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bee PLA2 protein without tag was expressed in E. coli.
Species	Honey bee
Source	E.coli
Description	PLA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides.
Form	Solution
Purity	> 95%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	Tris-HCl (pH 6.5). Sterile-filtered colorless solution.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	Pla2 phospholipase A2 [<i>Apis mellifera</i> (honey bee)]
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Official Symbol	PLA2
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Synonyms

Pla2; phospholipase A2; bvPLA2; GB13351; GB48228; phospholipase A2; allergen Api m 1; allergen Api m I; phosphatidylcholine 2-acylhydrolase; EC 3.1.1.4

Gene ID	406141
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mRNA Refseq	NM_001011614
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Protein Refseq	NP_001011614
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UniProt ID	P00630
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