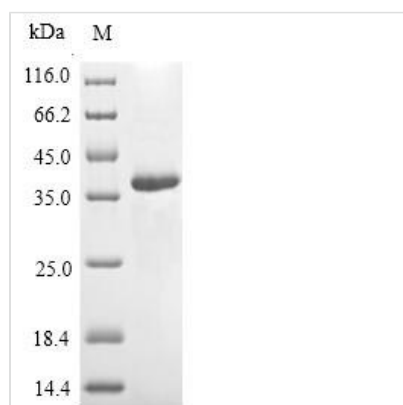




# Recombinant Vespa vulgaris Phospholipase A1

<b>Product Code</b>	CSB-YP343003VET
<b>Relevance</b>	Hydrolysis of phosphatidylcholine with phospholipase A2 (EC 3.1.1.4) and phospholipase A1 (EC 3.1.1.32) activities.
<b>Abbreviation</b>	Recombinant Vespa vulgaris Phospholipase A1 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P49369
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Vespa vulgaris (Yellow jacket) (Wasp)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	GPKCPFNSDVTSSIIETRENRNRDLYTLQTLQNHPEFKKKTITRPVVFITHGFTSS ASETNFINLAKALVDKDNMVISIDWQTAECTNEAAGLKYLYYPTAARNTRLVG QYIATITQKLVKHYKISMANIRLIGHSLGAHASGFAGKKVQELKLGKYSEIIGLDP ARPSFDSNHCSERLCETDAEYVQIIHTSNYLGTEKTLGTVDFYMNNGKNQPGC GRFFSEVCSHSRAVIYMAECIKHECCLIGIPKSKSSQPISSCTKQECVCVGLNA KKYPSSRGSFYVPVESTAPFCNNKGKII
<b>Research Area</b>	Others
<b>Source</b>	Yeast
<b>Protein Names</b>	Allergen Ves v I Allergen: Ves v 1
<b>Expression Region</b>	37-336aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal Myc-tagged and C-terminal 6xHis-tagged
<b>Mol. Weight</b>	36.4 kDa
<b>Protein Length</b>	Full Length of Mature Protein

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP343003VET could indicate that this peptide derived from Yeast-expressed *Vespula vulgaris* (Yellow jacket) (Wasp) N/A.

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## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

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