Phospholipase A2 Bc-Pl (svPLA2) Bungarus Candidus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phospholipase A2 Bc-PL (svPLA2), Recombinant Protein
Full Product Name	Recombinant Bungarus candidus Phospholipase A2 Bc-PL
Product Gene Name	svPLA2 recombinant protein
Sequence	TFLQFNEMIE CTIPGSFPLL DNMDCGCYCG TGGRGTPVDM LDRCCKEHDD CYAQIKENLK CSSLLNVPYV KQYSFTCSEG DLTCSDAAGT CARIVCDCDR TAALCFAEAP YKRRNFKIDY KTRCQ
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	15,641 Da
Sequence Positions	18-142, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q802I1
Species	Bungarus candidus (Malayan krait)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for svPLA2 recombinant protein	MBS1305789 is a recombinant protein targeting svPLA2. Also known as Recombinant Bungarus candidus Phospholipase A2 Bc-PL. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of svPLA2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for svPLA2. It may not necessarily be applicable to this product.

NCBI GI #	82210103
NCBI Accession #	Q802I1.1
UniProt Primary Accession #	Q802I1
NCBI Official Full Name	Acidic phospholipase A2 Bc-PL
UniProt Protein Name	Acidic phospholipase A2 Bc-PL
UniProt Synonym Protein Names	Phosphatidylcholine 2-acylhydrolase
Protein Family	Acidic phospholipase

UniProt Gene Name	svPLA2
UniProt Synonym Gene Names	svPLA2
UniProt Comments for svPLA2	PLA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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