Phospholipase A2 Homolog 2 (svPLA2 homolog) Bothrops Moojeni Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phospholipase A2 homolog 2 (svPLA2 homolog), Recombinant Protein
Full Product Name	Recombinant Bothrops moojeni Phospholipase A2 homolog 2
Product Gene Name	svPLA2 homolog recombinant protein
Sequence	SLFELGKMIL QETGKNPAKS YGVYGCNCGV GGRGKPKDAT DRCCYVHKCC YKKLTGCDPK KDRYSYSWKD KTIVCGENNS CLKELCECDK AVAICLRENL DTYNKKYRYN YLKPFCKKAD PC
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	13,887 Da
Sequence Positions	1-122, 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 Q9I834
Species	Bothrops moojeni (Lance-headed viper) (Caissaca)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for svPLA2 homolog recombinant protein	MBS1416633 is a recombinant protein targeting svPLA2 homolog. Also known as Recombinant Bothrops moojeni Phospholipase A2 homolog 2. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of svPLA2 homolog 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 homolog. It may not necessarily be applicable to this product.

NCBI GI #	17865560
NCBI Accession #	Q9I834.2
UniProt Primary Accession #	Q9I834
NCBI Official Full Name	Basic phospholipase A2 homolog 2
UniProt Protein Name	Basic phospholipase A2 homolog 2
UniProt Synonym Protein Names	M-VI; MjTX-II; Myotoxin II
Protein Family	Probable phospholipase

UniProt Gene Name	svPLA2 homolog
UniProt Synonym Gene Names	svPLA2 homolog
UniProt Comments for svPLA2 homolog	Snake venom phospholipase A2 homolog that lack enzymatic activity. Displays myotoxin and edema-inducing activities.
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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