Beta-Fibrinogenase Mucrofibrase-2 (SVSP) Protobothrops Mucrosquamatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Beta-fibrinogenase mucrofibrase-2 (SVSP), Recombinant Protein
Full Product Name	Recombinant Protobothrops mucrosquamatus Beta-fibrinogenase mucrofibrase-2
Product Gene Name	SVSP recombinant protein
Sequence	VIGGDECNIN EHPFLVLVYY DDYQCGGTLL NEEWVLTAAH CNGKDMEIYL GVHSKKVPNK DVQRRVPKEK FFCDSSKTYT KWNKDIMLIR LDRPVRKSAH IAPLSLPSSP PSVGSVCRVM GWGTITSPQV TLPDVPRCAN INLLDYEVCR AAYPELPATS RTLCAGILEG GKDSCGGDSG GPLICNGQFQ GIVSWGGDPC AQPHEPGLYT NVFDHLDWIK GIIAGNTDVT CPL
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	28,149 Da
Sequence Positions	25-257, 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 Q91508
Species	Protobothrops mucrosquamatus (Taiwan habu) (Trimeresurus mucrosquamatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SVSP recombinant protein	MBS1350325 is a recombinant protein targeting SVSP. Also known as Recombinant Protobothrops mucrosquamatus Beta-fibrinogenase mucrofibrase-2. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SVSP 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 SVSP. It may not necessarily be applicable to this product.

NCBI GI #	13959632
NCBI Accession #	Q91508.1
UniProt Primary Accession #	Q91508
UniProt Secondary Accession #	Q91500
NCBI Official Full Name	Beta-fibrinogenase mucrofibrase-2

UniProt Protein Name	Beta-fibrinogenase mucrofibrase-2
UniProt Synonym Protein Names	Snake venom serine protease; SVSP; Trimubin
Protein Family	Beta-fibrinogenase mucrofibrase
UniProt Gene Name	SVSP
UniProt Synonym Gene Names	SVSP
UniProt Comments for SVSP	Snake venom serine protease with fibrinogenolytic activities. Cleaves beta-chain of fibrinogen (FGB) efficiently and shows relatively lower activity on alpha-chain.
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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