Thrombin-Like Enzyme Tlbm (SVTLE TLBm) Bothrops Marajoensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thrombin-like enzyme TLBm (SVTLE TLBm), Recombinant Protein
Full Product Name	Recombinant Bothrops marajoensis Thrombin-like enzyme TLBm
Product Gene Name	SVTLE TLBm recombinant protein
Sequence	VIGGDECNIN ESPFLAFLYS QLLSSRRYFC GMTLINQEWV LTAAHCNLYP DRKDMNWWLL IKLGKHSGST RRWVANYDEQ VRYWPKEKFI WWYCPNKKKD VINNYVWVWW DKDILLWELW MLIRLNRPVK YSEHIAPLSL PSSPPSAKWW HVGSVCRIMG WGQITETWWN SEDTLPDVPR CANINLFNYE VCRAYNQRWW RGLPAKTLCA GDLEGIIRGG WDTCVGDSGG PLICDGQYQG IAYWGSKPCA EPDEPAAYSK VFDHLDWSQS VIAGGTWWRG DDTCP
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	33,241 Da
Sequence Positions	1-285, 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 P0DJE9
Species	Bothrops marajoensis (Marajo lancehead)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SVTLE TLBm recombinant protein	MBS1217822 is a recombinant protein targeting SVTLE TLBm. Also known as Recombinant Bothrops marajoensis Thrombin-like enzyme TLBm. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SVTLE TLBm 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 SVTLE TLBm. It may not necessarily be applicable to this product.

NCBI GI #	380875413
NCBI Accession #	P0DJE9.1
UniProt Primary Accession #	P0DJE9
NCBI Official Full Name	Thrombin-like enzyme TLBm
UniProt Protein Name	Thrombin-like enzyme TLBm

UniProt Synonym Protein Names	Fibrinogen-clotting enzyme; Snake venom serine protease; SVSP
Protein Family	Thrombin-like enzyme
UniProt Gene Name	SVTLE TLBm
UniProt Synonym Gene Names	SVSP
UniProt Comments for SVTLE TLBm	Thrombin-like enzyme that induces the formation of fibrin clot. Cleaves the Aalpha-chain of fibrinogen (FGA) with higher activity than the Bbeta-chain (FGB). Induces platelet aggregation in both platelet-rich plasma and in washed platelet preparations. This aggregation is strongly inhibited by preincubation of the enzyme with PMSF.
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