# Snake Venom Serine Protease 5 (SVSP) Viridovipera Stejnegeri Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Snake venom serine protease 5 (SVSP), Recombinant Protein |
| **Full Product Name** | Recombinant Viridovipera stejnegeri Snake venom serine protease 5 |
| **Product Gene Name** | SVSP recombinant protein |
| **Sequence** | VVGGRPCNIN EHRSLVVLFN SSGFLCGGTL INQDWVVTAA HCDSNNFQMI FGVHSKNVPN EDEQRRVPKE KFFCDSNKNY TQWNKDIMLI RLNSPVNNST HIAPLSLPSS PPIVGSVCRI MGWGTITFPN ETYPDVPHCA NINLFNYTVC HGAHAGLPAT SRTLCAGVLE GGKDTCKGDS GGPLICNGQF QGIVSWGGHP CAQPREPGVY TKVFDHLDWI QNIIAGNTTA TCPL |
| **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** | 28,135 Da |
| **Sequence Positions** | 25-258, 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 Q8AY78 |
| **Species** | Viridovipera stejnegeri (Chinese green tree viper) (Trimeresurus stejnegeri) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for SVSP recombinant protein** | MBS1311424 is a recombinant protein targeting SVSP. Also known as Recombinant Viridovipera stejnegeri Snake venom serine protease 5. 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.

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| **NCBI GI #** | 82242791 |
| **NCBI Accession #** | Q8AY78.1 |
| **UniProt Primary Accession #** | Q8AY78 |
| **NCBI Official Full Name** | Snake venom serine protease 5 |
| **UniProt Protein Name** | Snake venom serine protease 5 |
| **Protein Family** | Snake venom serine protease |

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| **UniProt Gene Name** | SVSP |
| **UniProt Synonym Gene Names** | SVSP |
| **UniProt Comments for SVSP** | Snake venom serine protease that may act in the hemostasis system of the prey. |
| **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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