Serine Protease Inhibitor (JP) Cyanea Capillata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine protease inhibitor (JP), Recombinant Protein
Full Product Name	Recombinant Cyanea capillata Serine protease inhibitor
Product Gene Name	JP recombinant protein
Sequence	NVVCSPLSIS SALALVAAGS RGKTLKEIAD ALNWREDADG LAKALLAEAE KAAQNCDASC PVKTANNVWV DNEFKILDSY RDLLKSFAVN VGKADFKKHS SDETIKINSW IEDHTNKKIR DFFPPGELSE ATKAVLVNAL YFKGKWAEPF DMESTRDDTF HVSNSKEVQV KMMYHSAELK YFMDENSKCD LVELPYSSKA FSMMLIVPHE VEGLSAVQSS LSLSQVSGWI SNVQSAAPQT VDVFLPRFKV SQKVNMKDNL KSLGINDMFS MQANLSGIAG SHDLFVSSAI HQAVIEVNEE GTEAAAATGF GVNFMSMPMQ VRADKPFLFL IISNVTKSIL FIGKIANPAA
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	41,052 Da
Sequence Positions	28-377, 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 Q6J201
Species	Cyanea capillata (Lion's mane jellyfish) (Cyanea arctica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for JP recombinant protein	MBS1320658 is a recombinant protein targeting JP. Also known as Recombinant Cyanea capillata Serine protease inhibitor. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of JP 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 JP. It may not necessarily be applicable to this product.

NCBI GI #	74910695
NCBI Accession #	Q6J201.1
UniProt Primary Accession #	Q6J201
NCBI Official Full Name	Serine protease inhibitor
UniProt Protein Name	Serine protease inhibitor
UniProt Synonym Protein Names	Jellypin

Protein Family	Serine protease inhibitor
UniProt Gene Name	JP
UniProt Synonym Gene Names	JP
UniProt Comments for JP	Inhibitor of serine proteases. Inhibits chymotrypsin, cathepsin G and human neutrophil elastase.
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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