Serine Proteinase Inhibitor Ia-1 Pleurotus Ostreatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine proteinase inhibitor IA-1, Recombinant Protein
Full Product Name	Recombinant Pleurotus ostreatus Serine proteinase inhibitor IA-1
Sequence	SAGKFIVIFK NDVSEDKIRE TKDEVIAEGG TITNEYNMPG MKGFAGELTP QSLTKFQGLQ GDLIDSIEED GIVTTQ
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	8,267 Da
Sequence Positions	1-76, 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 Q7M4T6
Species	Pleurotus ostreatus (Oyster mushroom) (White-rot fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Serine proteinase inhibitor IA-1 recombinant protein	MBS1406689 is a recombinant protein targeting Serine proteinase inhibitor IA-1. Also known as Recombinant Pleurotus ostreatus Serine proteinase inhibitor IA-1. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Serine proteinase inhibitor IA-1 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 Serine proteinase inhibitor IA-1. It may not necessarily be applicable to this product.

NCBI GI #	47117149
NCBI Accession #	Q7M4T6.1
UniProt Primary Accession #	Q7M4T6
NCBI Official Full Name	Serine proteinase inhibitor IA-1
UniProt Protein Name	Serine proteinase inhibitor IA-1
UniProt Synonym Protein Names	Proteinase A inhibitor 1
Protein Family	Serine proteinase inhibitor

UniProt Comments for Serine proteinase inhibitor IA-1	Specifically inhibits an endogenous intracellular serine proteinase (proteinase A).
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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