Serine Protease Sepa Autotransporter (sepA) Shigella Flexneri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine protease sepA autotransporter (sepA), Recombinant Protein
Full Product Name	Recombinant Shigella flexneri Serine protease sepA autotransporter (sepA), partial
Product Gene Name	sepA recombinant protein
Product Synonym Gene Name	sepA
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	146,017 Da
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 Q8VSL2
Species	Shigella flexneri
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sepA recombinant protein	MBS1338200 is a recombinant protein targeting sepA. Also known as Recombinant Shigella flexneri Serine protease sepA autotransporter (sepA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sepA 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 sepA. It may not necessarily be applicable to this product.

NCBI GI #	31983545
NCBI GeneID	1238005
NCBI Accession #	NP_858203.1
UniProt Primary Accession #	Q8VSL2
UniProt Secondary Accession #	Q54165; Q99QC6
GenBank Nucleotide #	NC_004851.1
NCBI Official Full Name	extracellular serine protease SepA (plasmid)
NCBI Official Symbol	sepA
UniProt Protein Name	Serine protease SepA autotransporter

Protein Family	Cytokinesis protein
UniProt Gene Name	sepA
NCBI Protein Information	extracellular serine protease SepA
UniProt Comments for sepA	Major protein secreted in laboratory media showing proteolytic activity. May be involved in invasion and destruction of host intestinal epithelium.
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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