Major Cold Shock Protein (cspA) Streptococcus Pyogenes Serotype M1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Major cold shock protein (cspA), Recombinant Protein
Full Product Name	Recombinant Streptococcus pyogenes serotype M1 Major cold shock protein (cspA)
Product Gene Name	cspA recombinant protein
Sequence	MAQGTVKWFN AEKGFGFIST ENGQDVFAHF SAIQTNGFKT LEEGQKVAFD VEEGQRGPQA VNITKLA
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	7,322 Da
Sequence Positions	1-67, 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 P0C0F1
Species	Streptococcus pyogenes serotype M1
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cspA recombinant protein	MBS1237706 is a recombinant protein targeting cspA. Also known as Recombinant Streptococcus pyogenes serotype M1 Major cold shock protein (cspA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cspA 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 cspA. It may not necessarily be applicable to this product.

NCBI GI #	15675836
NCBI GeneID	901719
NCBI Accession #	NP_270010.1
UniProt Primary Accession #	P0C0F1
UniProt Secondary Accession #	P0A359; Q48W92; Q54974
GenBank Nucleotide #	NC_002737.2
NCBI Official Full Name	putative cold shock protein

NCBI Official Symbol	csp
UniProt Protein Name	Major cold shock protein
Protein Family	Cold shock-like protein
UniProt Gene Name	cspA
UniProt Synonym Gene Names	csp; cspC
NCBI Protein Information	putative cold shock protein
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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