Proteasome Subunit Alpha (psmA) Sulfolobus Solfataricus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Proteasome subunit alpha (psmA), Recombinant Protein
Full Product Name	Recombinant Sulfolobus solfataricus Proteasome subunit alpha (psmA)
Product Gene Name	psmA recombinant protein
Product Synonym Gene Name	psmA
Sequence	MAFGPAAMGY DRAITIFSPD GSLYQVDYAF EAVKKGWTAI GIKSKSSVVI ASEKRKAQSL LDVDSIEKVF LIDDHVGCSF AGLASDGRVL IDYARNIALQ HRLIYDEPVS IDYLTKSVAD VKQMYTQHGG VRPFGVALVI AGIDKSVPKL FMTEPSGQYM PYQAVAIGQG YYTATEFLEK NYKEDLNVEE TILLALKALS ATLKPNEKLT PNTVEIGYAS TQTGLFLKMT NEDKNMYLQK L
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	26,589 Da
Sequence Positions	1-241, 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 Q9UXC6
Species	Sulfolobus solfataricus (strain 35092 / DSM 1617 / JCM 11322 / P2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psmA recombinant protein	MBS1346949 is a recombinant protein targeting psmA. Also known as Recombinant Sulfolobus solfataricus Proteasome subunit alpha (psmA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psmA 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 psmA. It may not necessarily be applicable to this product.

NCBI GI #	497677128
NCBI GeneID	1455001
NCBI Accession #	WP_009991312.1
UniProt Primary Accession #	Q9UXC6
UniProt Related Accession #	Q9UXC6

GenBank Nucleotide #	WP_009991312.1
NCBI Official Full Name	proteasome endopeptidase complex,subunit alpha
NCBI Official Symbol	psmA
UniProt Protein Name	Proteasome subunit alpha
UniProt Synonym Protein Names	20S proteasome alpha subunit
UniProt Gene Name	psmA
NCBI Protein Information	proteasome endopeptidase complex,subunit alpha
UniProt Comments for psmA	Component of the proteasome core, a large protease complex with broad specificity involved in protein degradation.
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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