Archaemetzincin (amzA) Pyrococcus Kodakaraensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Archaemetzincin (amzA), Recombinant Protein
Full Product Name	Recombinant Pyrococcus kodakaraensis Archaemetzincin (amzA)
Product Gene Name	amzA recombinant protein
Product Synonym Gene Name	amzA; TK1178
Product Synonym Names	Archaemetzincin; EC=3.-.-.-
Sequence	MRVILIVPIG YIPEWLIKDV AEFVDSYYSR RGVSVKAGDS LSESLFLSAY HPFRRQFLGG AFLPTLSEIG RRAGALATVG ITKVDLYEKG MNFVFGVASE KLRSAVVSIH RLRPEFYGRP SNDELLIERT VKEVMHELGH VFGLSHCPNV RCVMHFSNSV DDTDIKLPYY CPNCERKLLR NLEVVL
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	21,079 Da
Sequence Positions	1-186aa; 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 Q5JGD6
Species	Pyrococcus kodakaraensis (strain BAA-918 / JCM 12380 / KOD1) (Thermococcus kodakaraensis (strain KOD1))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for amzA recombinant protein	MBS1355981 is a recombinant protein targeting amzA. Also known as Recombinant Pyrococcus kodakaraensis Archaemetzincin (amzA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of amzA 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 amzA. It may not necessarily be applicable to this product.

NCBI GI #	57641113
NCBI GeneID	3235206
NCBI Accession #	YP_183591.1
UniProt Primary Accession #	Q5JGD6
UniProt Related Accession #	Q5JGD6

GenBank Nucleotide #	NC_006624.1
NCBI Official Full Name	archaemetzincin-like protein
NCBI Official Symbol	TK1178
UniProt Protein Name	Archaemetzincin
Protein Family	Archaemetzincin
UniProt Gene Name	amzA
UniProt Entry Name	AMZA_THEKO
NCBI Protein Information	archaemetzincin-like protein
UniProt Comments for amzA	Probable zinc metalloprotease whose natural substrate is unknown.
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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