Archaemetzincin (amzA) Methanopyrus Kandleri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Archaemetzincin (amzA), Recombinant Protein
Full Product Name	Recombinant Methanopyrus kandleri Archaemetzincin (amzA)
Product Gene Name	amzA recombinant protein
Product Synonym Gene Name	amzA
Sequence	MKLCLVAFDG RIPMLSSIVD RFEEHVSEYL GEVKVKKKRA KLPEHAYSKV RGQYLARALL DTLRGMKGEY DRVLGLTSED LYAPGLNFVF GQARCPGREA VVSVARLLDP DPELYLERVV KELTHELGHT FGLGHCPDRN CVMSFSSSLL EVDRKSPNFC RRCTELLQRN LKRGG
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	19,827 Da
Sequence Positions	1-175, 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 Q8TXW1
Species	Methanopyrus kandleri (strain AV19 / DSM 6324 / JCM 9639 / NBRC 100938)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for amzA recombinant protein	MBS1386171 is a recombinant protein targeting amzA. Also known as Recombinant Methanopyrus kandleri 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 #	74560703
NCBI Accession #	Q8TXW1.1
UniProt Primary Accession #	Q8TXW1
NCBI Official Full Name	Archaemetzincin
UniProt Protein Name	Archaemetzincin
Protein Family	Archaemetzincin

UniProt Gene Name	amzA
UniProt Comments for amzA	Probable zinc metalloprotease whose natural substrate is unknown. Does not show endo- or exopeptidase activity against resorufin labeled casein, p-nitroanilide (pNA), amidomethylcoumarin (AMC) (one to three amino acids in length), and hippuryl-aminoacid substrates.
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