Methionine Aminopeptidase 2 Homolog Afua_8g00410 (Afua_8g00410) (AFUA_8G00410) Neosartorya Fumigata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methionine aminopeptidase 2 homolog AFUA_8G00410 (AFUA_8G00410), Recombinant Protein
Full Product Name	Recombinant Neosartorya fumigata Methionine aminopeptidase 2 homolog AFUA_8G00410 (AFUA_8G00410)
Product Gene Name	AFUA_8G00410 recombinant protein
Product Synonym Names	Methionine aminopeptidase 2 homolog AFUA_8G00410; EC=3.4.11.18; Peptidase M 2 homolog AFUA_8G00410
Sequence	MTVDAPELLE KLRITDAGAN GADMSSSTSA AANGTGKEVD DGSDDDGTEN PPAVAAEHST AKKKKNKKRK PKKKQPKVQT DPPSIPLSQL FPNNSYPKGE EVEYKDENRY RTTSEEKRHL DNLNSDFLSD YRQAAEAHRQ VRQWAQRNIK PGQTLLEIAN GIEESARCLV GHDGLTEGDS LIAGMGFPTG LNIDNIVAHY SPNAGCKTVL AQNNVLKVDI GIHVGGRIVD SAFTMAFDPM YDNLLAAVKD ATNTGVREAG IDVRVGELGG YIQEAMESYE CEIRGKTYPI KAIRNLCGHT ILPYSIHGTK NVPFVKSNDM TKMEEGDVFA IETFGSTGSG RYVEGGEVSH YALRGDADRK DLTLSSARSL LTAIKKNFST IPFCRRYLDR IGQEKYLLGL NYLVKSGIVE DYPPLNEKPG TYTAQFEHTI LLRPTVKEVI SRGDDY
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	48,996 Da
Sequence Positions	1-446aa; 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 Q4WAY7
Species	Neosartorya fumigata (strain MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AFUA_8G00410 recombinant protein	MBS1385634 is a recombinant protein targeting AFUA_8G00410. Also known as Recombinant Neosartorya fumigata Methionine aminopeptidase 2 homolog AFUA_8G00410 (AFUA_8G00410). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AFUA_8G00410 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 AFUA_8G00410. It may not necessarily be applicable to this product.

NCBI GI #	70983271
NCBI GeneID	3504499

NCBI Accession #	XP_747163.1
UniProt Primary Accession #	Q4WAY7
GenBank Nucleotide #	XM_742070.1
NCBI Official Full Name	methionine aminopeptidase, type II
NCBI Official Symbol	AFUA_8G00410
UniProt Protein Name	Methionine aminopeptidase 2-1
UniProt Synonym Protein Names	Peptidase M
UniProt Gene Name	AFUA_8G00410
UniProt Synonym Gene Names	MAP 2-1; MetAP 2-1
UniProt Entry Name	MAP21_ASPFU
NCBI Protein Information	methionine aminopeptidase, type II
UniProt Comments for AFUA_8G00410	Cotranslationally removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val).
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