Aliphatic Amidase (amiE) Helicobacter Pylori Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aliphatic amidase (amiE), Recombinant Protein
Full Product Name	Recombinant Helicobacter pylori Aliphatic amidase (amiE)
Product Gene Name	amiE recombinant protein
Product Synonym Gene Name	amiE
Sequence	MRHGDISSSP DTVGVAVVNY KMPRLHTKEQ VLENCRNIAK VIGGVKQGLP GLDLIIFPEY STHGIMYDRQ EMFDTAASVP GEETAIFAEA CKKNKVWGVF SLTGEKHEQA KKNPYNTLIL VNDKGEIVQK YRKILPWCPI ECWYPGDKTY VVDGPKGLKV SLIICDDGNY PEIWRDCAMR GAELIVRCQG YMYPAKEQQI AIVKAMAWAN QCYVAVANAT GFDGVYSYFG HSSIIGFDGH TLGECGEEEN GLQYAQLSVQ QIRDARKYDQ SQNQLFKLLH RGYSGVFASG DGDKGVAECP FEFYKTWVND PKKAQENVEK FTRPSVGVAA CPVGDLPTK
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	37,761 Da
Sequence Positions	1-339, 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 Q1CUK9
Species	Helicobacter pylori (strain HPAG1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for amiE recombinant protein	MBS1338189 is a recombinant protein targeting amiE. Also known as Recombinant Helicobacter pylori Aliphatic amidase (amiE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of amiE 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 amiE. It may not necessarily be applicable to this product.

NCBI GI #	447138453
NCBI Accession #	WP_001215709.1
UniProt Primary Accession #	Q1CUK9
GenBank Nucleotide #	WP_001215709.1
NCBI Official Full Name	aliphatic amidase

UniProt Protein Name	Aliphatic amidase
UniProt Synonym Protein Names	Acylamide amidohydrolase
Protein Family	Aliphatic amidase
UniProt Gene Name	amiE
UniProt Comments for amiE	Catalyzes the hydrolysis of short-chain aliphatic amides to their corresponding organic acids with release of ammonia.
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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