Carboxylate-Amine Ligase BMA2917 (BMA2917) Burkholderia Mallei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Carboxylate-amine ligase BMA2917 (BMA2917), Recombinant Protein
Full Product Name	Recombinant Burkholderia mallei Carboxylate-amine ligase BMA2917 (BMA2917)
Product Gene Name	BMA2917 recombinant protein
Product Synonym Gene Name	BMA2917
Sequence	MALETFVNSE PFTFGVELEI QIVNTHNYDL TKAASDLMRL IKDAKFPGNI TPEITESMIE LSTGICRTHD QALGELHAIR DTLVSAADQL NVGLCGGGTH AFQQWSERQI FDAPRFQYIS ELYGYLAKQF TVFGQHVHIG CPDADSALFL LHSMSRFIPH FIALSASSPY VQNVDTGFHS ARLNSVFAFP LSGRAPFVLT WHGFEEYFTK MVNTGVVNSM KDFYWDIRPK PGYGTIEVRV MDTPLSVDRA AAIACYIQTL ARYLLIDRPL KLSEDDYLVY TFNRFEACRF GLEGTCVNPQ TGERRTIAED ILDTLDRIAP HAAALGSRAA LDEIGALAKA RVNDASWLRT IFKQEKSLNE TVRQQCLRWR E
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	41,779 Da
Sequence Positions	1-371, 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 Q62FV3
Species	Burkholderia mallei (Pseudomonas mallei)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BMA2917 recombinant protein	MBS1338243 is a recombinant protein targeting BMA2917. Also known as Recombinant Burkholderia mallei Carboxylate-amine ligase BMA2917 (BMA2917). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BMA2917 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 BMA2917. It may not necessarily be applicable to this product.

NCBI GI #	490300384
NCBI Accession #	WP_004195787.1
UniProt Primary Accession #	Q62FV3
GenBank Nucleotide #	WP_004195787.1

NCBI Official Full Name	MULTISPECIES: carboxylate--amine ligase
UniProt Protein Name	Putative glutamate--cysteine ligase 2
UniProt Synonym Protein Names	Gamma-glutamylcysteine synthetase 2
UniProt Gene Name	BMA2917
UniProt Synonym Gene Names	GCS 2; Gamma-GCS 2
UniProt Comments for BMA2917	ATP-dependent carboxylate-amine ligase which exhibits weak glutamate--cysteine ligase activity.
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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