D- (-)-3-Hydroxybutyrate Oligomer Hydrolase (Bamb_0719) (Bamb_0719) Burkholderia Ambifaria Recombinant Protein

PRODUCT OVERVIEW

Product Name	D- (-)-3-hydroxybutyrate oligomer hydrolase (Bamb_0719), Recombinant Protein
Full Product Name	Recombinant Burkholderia ambifaria D- (-)-3-hydroxybutyrate oligomer hydrolase (Bamb_0719), partial
Product Gene Name	Bamb_0719 recombinant protein
Product Synonym Gene Name	Bamb_0719
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	71,704 Da
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 Q0BHU5
Species	Burkholderia ambifaria (strain BAA-244 / AMMD) (Burkholderia cepacia (strain AMMD))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Bamb_0719 recombinant protein	MBS1380533 is a recombinant protein targeting Bamb_0719. Also known as Recombinant Burkholderia ambifaria D- (-)-3-hydroxybutyrate oligomer hydrolase (Bamb_0719), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Bamb_0719 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 Bamb_0719. It may not necessarily be applicable to this product.

NCBI GI #	499975385
NCBI Accession #	WP_011656103.1
UniProt Primary Accession #	Q0BHU5
GenBank Nucleotide #	WP_011656103.1
NCBI Official Full Name	D-(-)-3-hydroxybutyrate oligomer hydrolase
UniProt Protein Name	D-(-)-3-hydroxybutyrate oligomer hydrolase
UniProt Gene Name	Bamb_0719

UniProt Synonym Gene Names	3HB-oligomer hydrolase; 3HBOH
UniProt Comments for Bamb_0719	Participates in the degradation of poly-3-hydroxybutyrate (PHB). It works downstream of poly(3-hydroxybutyrate) depolymerase, hydrolyzing D--3-hydroxybutyrate oligomers of various length (3HB-oligomers) into 3HB-monomers.
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