UPF0747 Protein ABC2366 (ABC2366) Bacillus Clausii Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0747 protein ABC2366 (ABC2366), Recombinant Protein
Full Product Name	Recombinant Bacillus clausii UPF0747 protein ABC2366 (ABC2366), partial
Product Gene Name	ABC2366 recombinant protein
Product Synonym Gene Name	ABC2366
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	62,104 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 Q5WFF9
Species	Bacillus clausii (strain KSM-K16)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ABC2366 recombinant protein	MBS1436138 is a recombinant protein targeting ABC2366. Also known as Recombinant Bacillus clausii UPF0747 protein ABC2366 (ABC2366), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ABC2366 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 ABC2366. It may not necessarily be applicable to this product.

NCBI GI #	499566426
NCBI Accession #	WP_011247209.1
UniProt Primary Accession #	Q5WFF9
GenBank Nucleotide #	WP_011247209.1
NCBI Official Full Name	bacillithiol biosynthesis cysteine-adding enzyme BshC
UniProt Protein Name	Putative cysteine ligase BshC
UniProt Gene Name	bshC
UniProt Comments for ABC2366	Involved in bacillithiol (BSH) biosynthesis. May catalyze the last step of the pathway, the addition of cysteine to glucosamine malate (GlcN-Mal) to generate BSH.

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