UPF0133 Protein LBA0378 (LBA0378) Lactobacillus Acidophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0133 protein LBA0378 (LBA0378), Recombinant Protein
Full Product Name	Recombinant Lactobacillus acidophilus UPF0133 protein LBA0378 (LBA0378)
Product Gene Name	LBA0378 recombinant protein
Product Synonym Gene Name	LBA0378
Sequence	MSRRPNFGGM GMGGMNMQQM MKQAKKLQAQ MAEEQENITA QEFVGKSADD LVVATFSGDR KLKDIKIDKD TIDPDDPDML QDLIIDAVNK GLSQIDEATQ ASLGKYTKGL M
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	12,229 Da
Sequence Positions	1-111, Full length
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 Q5FM05
Species	Lactobacillus acidophilus (strain 700396 / NCK56 / N2 / NCFM)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LBA0378 recombinant protein	MBS1308686 is a recombinant protein targeting LBA0378. Also known as Recombinant Lactobacillus acidophilus UPF0133 protein LBA0378 (LBA0378). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LBA0378 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 LBA0378. It may not necessarily be applicable to this product.

NCBI GI #	489644672
NCBI Accession #	WP_003549112.1
UniProt Primary Accession #	Q5FM05
GenBank Nucleotide #	WP_003549112.1
NCBI Official Full Name	nucleoid-associated protein, YbaB/EbfC family
UniProt Protein Name	Nucleoid-associated protein LBA0378

Protein Family	Nucleoid-associated protein
UniProt Gene Name	LBA0378
UniProt Comments for LBA0378	Binds to DNA and alters its conformation. May be involved in regulation of gene expression, nucleoid organization and DNA protection.
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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