Bacteriocin Sakacin-P (sakP) Lactobacillus Sakei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Bacteriocin sakacin-P (sakP), Recombinant Protein
Full Product Name	Recombinant Lactobacillus sakei Bacteriocin sakacin-P (sakP)
Product Gene Name	sakP recombinant protein
Sequence	KYYGNGVHCG KHSCTVDWGT AIGNIGNNAA ANWATGGNAG WNK
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	6,385 Da
Sequence Positions	19-61, 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 P35618
Species	Lactobacillus sakei
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sakP recombinant protein	MBS1230840 is a recombinant protein targeting sakP. Also known as Recombinant Lactobacillus sakei Bacteriocin sakacin-P (sakP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sakP 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 sakP. It may not necessarily be applicable to this product.

NCBI GI #	19858764
NCBI Accession #	P35618.2
UniProt Primary Accession #	P35618
UniProt Secondary Accession #	Q57121
NCBI Official Full Name	Bacteriocin sakacin-P
UniProt Protein Name	Bacteriocin sakacin-P
UniProt Synonym Protein Names	Sakacin 674
Protein Family	Bacteriocin sakacin

UniProt Gene Name	sakP
UniProt Synonym Gene Names	sakR; sppA
UniProt Comments for sakP	Bactericidal activity; inhibits closely related Lactobacilli, Listeria monocytogenes and ivanovvi, Enterococcus faecalis, Carnobacterium sp and Brocothrix thermosphacta.
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