Putative Dipeptidase Ykvy (ykvY) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative dipeptidase ykvY (ykvY), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis Putative dipeptidase ykvY (ykvY)
Product Gene Name	ykvY recombinant protein
Sequence	MNRIQRVSSW LKEAGHTAAF IHTKENVFYL TGFYTEPHER LMGLFIFQEE EPFFVCPGME AGQARNAGWN HEIIGYADHE NPWELIEKAL KKRNISIHML AVEKDSISLS RAEQLKHATG GAQFVSAEET LNQFRLIKDD NEIRLLKEAA KLADYGVEVG TAALREGISE VEVLAQIEYE LKKKGIQGMS FSTMVLFGEK SGQPHGNPGT ATLKKGDFVL FDLGVILDGY CSDITRTFAY KTINPKQEAI YETVLQAEKA AIEASKPGVR IGDLDLTARG IIEKAGYGDY FPHRLGHGLG ISVHEYPSMS QANDTLLQEG MVYTIEPGIY VPEIGGVRIE DDVHVTKDGA VALTQYPKDL IIL
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	40,334 Da
Sequence Positions	1-363, 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 O31689
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ykvY recombinant protein	MBS1259520 is a recombinant protein targeting ykvY. Also known as Recombinant Bacillus subtilis Putative dipeptidase ykvY (ykvY). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ykvY 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 ykvY. It may not necessarily be applicable to this product.

NCBI GI #	16078450
NCBI GeneID	939258
NCBI Accession #	NP_389269.1
UniProt Primary Accession #	O31689
UniProt Related Accession #	O31689

GenBank Nucleotide #	NC_000964.3
NCBI Official Full Name	dipeptidase YkvY
NCBI Official Symbol	ykvY
UniProt Protein Name	Putative dipeptidase YkvY
Protein Family	Putative dipeptidase
UniProt Gene Name	ykvY
NCBI Protein Information	dipeptidase YkvY
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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