UPF0403 Protein Yphp (yphP) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0403 protein yphP (yphP), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis UPF0403 protein yphP (yphP)
Product Gene Name	yphP recombinant protein
Sequence	MSMAYEEYMR QLVVPMRREL TGAGFEELTT AEEVENFMEK AEGTTLVVVN SVCGCAAGLA RPAATQAVLQ NDKTPDNTVT VFAGQDKEAT AKMREYFTGQ EPSSPSMALL KGKEVVHFIP RHEIEGHDME EIMKNLTAAF DAHC
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	15,875 Da
Sequence Positions	1-144, 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 P54170
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yphP recombinant protein	MBS1060654 is a recombinant protein targeting yphP. Also known as Recombinant Bacillus subtilis UPF0403 protein yphP (yphP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yphP 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 yphP. It may not necessarily be applicable to this product.

NCBI GI #	16079245
NCBI GeneID	939085
NCBI Accession #	NP_390069.1
UniProt Primary Accession #	P54170
UniProt Related Accession #	P54170
GenBank Nucleotide #	NC_000964.3
NCBI Official Full Name	hypothetical protein BSU21860

NCBI Official Symbol	yphP
UniProt Protein Name	UPF0403 protein YphP
Protein Family	UPF0403 protein
UniProt Gene Name	yphP
NCBI Protein Information	hypothetical protein
UniProt Comments for yphP	Enzyme and pathway databasesBioCyc Collection of Pathway/Genome DatabasesMore...BioCyciBSUB:BSU21860-MONOMER.
Research Articles on yphP	**1.** We demonstrate that BrxA and BrxB function in the reduction of BSH mixed protein disulfides with two natural substrates (MetE, OhrR).
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