Uncharacterized Response Regulatory Protein Ypdb (ypdB) Shigella Flexneri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized response regulatory protein ypdB (ypdB), Recombinant Protein
Full Product Name	Recombinant Shigella flexneri Uncharacterized response regulatory protein ypdB (ypdB)
Product Gene Name	ypdB recombinant protein
Sequence	MKVIIVEDEF LAQQELSWLI KEHSQMEIVG TFDDGLDVLK FLQHNRVDAI FLDINIPSLD GVLLAQNISQ FAHKPFIVFI TAWKEHAVEA FELEAFDYIL KPYQESRITG MLQKLEAAWQ QQQTSSTPAA TVTRENDTIN LVKDERIIVT PINDIYYAEA HEKMTFVYTR RESYVMPMNI TEFCSKLPPS HFFRCHRSFC VNLNKIREIE PWFNNTYILR LKDLDFEVPV SRSKVKEFRQ LMHL
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	28,721 Da
Sequence Positions	1-244, 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 P0AE41
Species	Shigella flexneri
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ypdB recombinant protein	MBS1227612 is a recombinant protein targeting ypdB. Also known as Recombinant Shigella flexneri Uncharacterized response regulatory protein ypdB (ypdB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ypdB 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 ypdB. It may not necessarily be applicable to this product.

NCBI GI #	56480097
NCBI GeneID	1027211
NCBI Accession #	NP_708250.2
UniProt Primary Accession #	P0AE41
UniProt Secondary Accession #	P77742

GenBank Nucleotide #	NC_004337.2
NCBI Official Full Name	2-component transcriptional regulator
NCBI Official Symbol	SF2447
UniProt Protein Name	Transcriptional regulatory protein YpdB
Protein Family	Transcriptional regulatory protein
UniProt Gene Name	ypdB
NCBI Protein Information	2-component transcriptional regulator
UniProt Comments for ypdB	Member of the two-component regulatory system YpdA/YpdB. YpdB regulates expression of yhjX by binding to its promoter region.
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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