Uncharacterized Protein Ydfg (ydfG) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized protein ydfG (ydfG), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis Uncharacterized protein ydfG (ydfG)
Product Gene Name	ydfG recombinant protein
Sequence	MSQRVSYYEI APEGMKIMMD MEKYTKQSSI NRTTRELIKI RVSQMNGCAF CIDMHTSDAR KMGETEQRIY CLHAWNECDF YSPEEKAALE LSEHITLIPS KRVPDELYHR VREHYDEEQY VDLVLIINQI NSWNRISIAM GNRAASK
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	17,315 Da
Sequence Positions	1-147, 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 P96684
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ydfG recombinant protein	MBS1259694 is a recombinant protein targeting ydfG. Also known as Recombinant Bacillus subtilis Uncharacterized protein ydfG (ydfG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ydfG 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 ydfG. It may not necessarily be applicable to this product.

NCBI GI #	16077607
NCBI GeneID	938081
NCBI Accession #	NP_388421.1
UniProt Primary Accession #	P96684
UniProt Secondary Accession #	Q797G7
UniProt Related Accession #	P96684
GenBank Nucleotide #	NC_000964.3

NCBI Official Full Name	hypothetical protein BSU05400
NCBI Official Symbol	ydfG
UniProt Protein Name	Uncharacterized protein YdfG
Protein Family	NADP-dependent 3-hydroxy acid dehydrogenase
UniProt Gene Name	ydfG
NCBI Protein Information	hypothetical protein
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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