Probable Chromosome 1-Partitioning Protein Parb (parB1) Deinococcus Radiodurans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable chromosome 1-partitioning protein parB (parB1), Recombinant Protein
Full Product Name	Recombinant Deinococcus radiodurans Probable chromosome 1-partitioning protein parB (parB1)
Product Gene Name	parB1 recombinant protein
Product Synonym Gene Name	parB1; DR_0012
Product Synonym Names	Probable chromosome 1-partitioning protein parB; Probable chromosome I-partitioning protein parB
Sequence	MSKKSSLGRG LDALLTKKGE PVAQAGTGTQ VQTLKIERIA QAAYQPRQVF EPESLAELAQ SIREKGVLQP LLVRPRGDAF EIVAGERRWR ASQLAGLTEL PVMIRDLGDR EALEIAIVEN LQREDLGPLE EARAYQALLD QGLNQEGVAQ AVGKGRSTVT NALRLLTLPE PVLRALDEGS ISASHARAVL TQPEADRLWA FEQIRSRGLN VREAEALKRE RGGRDKGQGA PIKVNPPRAY RQLELDLSRR TGTRVKITGE DKGRVELNYG SREELDRILQ ILGYEAEE
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	31,837 Da
Sequence Positions	1-288aa; 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 Q9RYD8
Species	Deinococcus radiodurans (strain 13939 / DSM 20539 / JCM 16871 / LMG 4051 / NBRC 15346 / NCIMB 9279 / R1 / VKM B-1422)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for parB1 recombinant protein	MBS1441191 is a recombinant protein targeting parB1. Also known as Recombinant Deinococcus radiodurans Probable chromosome 1-partitioning protein parB (parB1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of parB1 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 parB1. It may not necessarily be applicable to this product.

NCBI GI #	15805053
NCBI GeneID	1797423

NCBI Accession #	NP_293738.1
UniProt Primary Accession #	Q9RYD8
UniProt Related Accession #	Q9RYD8
GenBank Nucleotide #	NC_001263.1
NCBI Official Full Name	chromosome partitioning protein
NCBI Official Symbol	DR_0012
UniProt Protein Name	Probable chromosome 1-partitioning protein ParB
UniProt Synonym Protein Names	Probable chromosome I-partitioning protein ParB
Protein Family	Probable chromosome 1-partitioning protein
UniProt Gene Name	parB1
UniProt Synonym Gene Names	DR_0012
UniProt Entry Name	PARB1_DEIRA
NCBI Protein Information	chromosome partitioning protein
UniProt Comments for parB1	Involved in chromosome partition. Localize to both poles of the predivisional cell following completion of DNA replication. Binds to the DNA origin of replication ().
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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