Cell-Division Control Histidine Kinase Pdhs (pdhS) Brucella Abortus Biovar 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cell-division control histidine kinase pdhS (pdhS), Recombinant Protein
Full Product Name	Recombinant Brucella abortus biovar 1 Cell-division control histidine kinase pdhS (pdhS), partial
Product Gene Name	pdhS recombinant protein
Product Synonym Gene Name	pdhS
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	111,804 Da
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 Q57BR6
Species	Brucella abortus biovar 1 (strain 9-941)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pdhS recombinant protein	MBS1335455 is a recombinant protein targeting pdhS. Also known as Recombinant Brucella abortus biovar 1 Cell-division control histidine kinase pdhS (pdhS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pdhS 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 pdhS. It may not necessarily be applicable to this product.

NCBI GI #	489056800
NCBI Accession #	WP_002966929.1
UniProt Primary Accession #	Q57BR6
GenBank Nucleotide #	WP_002966929.1
NCBI Official Full Name	MULTISPECIES: histidine kinase
UniProt Protein Name	Cell-division control histidine kinase PdhS
UniProt Synonym Protein Names	PleC-DivJ homolog sensor
Protein Family	Cell-division control histidine kinase

UniProt Gene Name	pdhS
UniProt Comments for pdhS	Functions as a polar differentiation marker. Essential protein that, by localizing in the old pole of dividing cells, controls cell division and maturation, probably through control of DivK phosphorylation status and cellular distribution, which in turn regulates CtrA, a transcriptional regulator of the minB operon. The asymmetrical localization of this protein is probably required for cells to enter a new division cycle.
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