Pyruvate Kinase (pykA) Haemophilus Influenzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pyruvate kinase (pykA), Recombinant Protein
Full Product Name	Recombinant Haemophilus influenzae Pyruvate kinase (pykA)
Product Gene Name	pykA recombinant protein
Sequence	SRRLRRTKIV CTMGPSTDRD NNLEKIIAAG ANVVRMNFSH GTPDDHIGRA ERVRSIAKKL GKTVAILGDL QGPKIRVSTF KDGKIFLNVG DKFILDAELP KGEGTQESVG LDYKTLPQDV VPGDILLLDD GRVQLKVLST DGAKVFTEVT VGGPLSNNKG INKLGGGLSA DALTEKDKAD IITAARIGVD FLAVSFPRSS ADLNYARELA QQAGLNAKIV AKVERAETVA NDEAMDDIIL ASDVIMVARG DLGVEIGDPE LVGVQKKLIR RSRQLNRAVI TATQMMESMI SNPMPTRAEV MDVANAVLDG TDAVMLSAET AAGQYPSETV AAMASVCLGA EKMPSINVSR HRMDKEFETI EESVAMSAMY AANHMKGVAA IVTLSSTGRT PLLMSRISSG LPIFALSRNQ ETLNLCALYR GVTPIYHGEE SRTEAGAKAA PQSLKEKGYL STGDLVLVTQ GGQGATQTNV CRTLIVE
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	51,055 Da
Sequence Positions	2-478, 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 P43924
Species	Haemophilus influenzae (strain 51907 / DSM 11121 / KW20 / Rd)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pykA recombinant protein	MBS1252190 is a recombinant protein targeting pykA. Also known as Recombinant Haemophilus influenzae Pyruvate kinase (pykA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pykA 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 pykA. It may not necessarily be applicable to this product.

NCBI GI #	16273468
NCBI GeneID	950433
NCBI Accession #	NP_439719.1
UniProt Primary Accession #	P43924
UniProt Related Accession #	P43924

GenBank Nucleotide #	NC_000907.1
NCBI Official Full Name	pyruvate kinase
NCBI Official Symbol	pykA
UniProt Protein Name	Pyruvate kinase
Protein Family	Pyruvate kinase
UniProt Gene Name	pykA
UniProt Synonym Gene Names	PK
NCBI Protein Information	pyruvate kinase
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