Uridine Kinase (udk) Streptococcus Pyogenes Serotype M5 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uridine kinase (udk), Recombinant Protein
Full Product Name	Recombinant Streptococcus pyogenes serotype M5 Uridine kinase (udk)
Product Gene Name	udk recombinant protein
Sequence	MLKKPIIIGV TGGSGGGKTS VSRAILDSFP NARIAMIQHD SYYKDQSHMS FEERVKTNYD HPLAFDTDFM IQQLKELLAG RPVDIPIYDY KKHTRSNTTF RQDPQDVIIV EGILVLEDER LRDLMDIKLF VDTDDDIRII RRIKRDMMER GRSLESIIDQ YTSVVKPMYH QFIEPSKRYA DIVIPEGVSN VVAIDVINSK IASILGEV
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	23,816 Da
Sequence Positions	1-208, 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 A2RDZ9
Species	Streptococcus pyogenes serotype M5 (strain Manfredo)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for udk recombinant protein	MBS1127890 is a recombinant protein targeting udk. Also known as Recombinant Streptococcus pyogenes serotype M5 Uridine kinase (udk). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of udk 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 udk. It may not necessarily be applicable to this product.

NCBI GI #	489074107
NCBI Accession #	WP_002984060.1
UniProt Primary Accession #	A2RDZ9
GenBank Nucleotide #	WP_002984060.1
NCBI Official Full Name	uridine kinase
UniProt Protein Name	Uridine kinase
UniProt Synonym Protein Names	Cytidine monophosphokinase

Protein Family	Uridine kinase
UniProt Gene Name	udk
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