Thymidine Kinase (tdk) Chromobacterium Violaceum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thymidine kinase (tdk), Recombinant Protein
Full Product Name	Recombinant Chromobacterium violaceum Thymidine kinase (tdk)
Product Gene Name	tdk recombinant protein
Product Synonym Gene Name	tdk; CV_2342
Product Synonym Names	Thymidine kinase; EC=2.7.1.21
Sequence	MAKLFFRYAA MNSGKSTQLL QIANNYESMD KKVALYTSAI DDRYGVGMIT SRLNIQRESN TFDAGFDFLA HDYGDTACVL VDEAQFMTPE QAQQLHRLAH KRNIPVICFG LRTDFQGHPF PGSAWLLSLA DDVEEIKTIC HCGRKATMHI RIDGDGRRVK EGPQVEIGGE ARYRAVCGRC FHHD
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	20,746 Da
Sequence Positions	1-184aa; 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 Q7NVK0
Species	Chromobacterium violaceum (strain 12472 / DSM 30191 / JCM 1249 / NBRC 12614 / NCIMB 9131 / 9757)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tdk recombinant protein	MBS1396018 is a recombinant protein targeting tdk. Also known as Recombinant Chromobacterium violaceum Thymidine kinase (tdk). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tdk 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 tdk. It may not necessarily be applicable to this product.

NCBI GI #	34497797
NCBI GeneID	2547205
NCBI Accession #	NP_902012.1
UniProt Primary Accession #	Q7NVK0
UniProt Related Accession #	Q7NVK0

GenBank Nucleotide #	NC_005085.1
NCBI Official Full Name	thymidine kinase
NCBI Official Symbol	tdk
UniProt Protein Name	Thymidine kinase
UniProt Gene Name	tdk
UniProt Entry Name	KITH_CHRVO
NCBI Protein Information	thymidine kinase
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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