Probable ADP-Dependent Glucokinase (C50d2.7) (C50D2.7) Caenorhabditis Elegans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable ADP-dependent glucokinase (C50D2.7), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis elegans Probable ADP-dependent glucokinase (C50D2.7)
Product Gene Name	C50D2.7 recombinant protein
Product Synonym Gene Name	C50D2.7
Sequence	YYNDQHRLSS YSVETAMFLS WERAIVKPGA MFKKAVIGFN CNVDLIVSGV RVVDALNTTC SEGKDQETLE TLADLHQTFA HFFQRGAAAE RYMSSEDQFN LLVAESEAST RSHHHIGGNA ALMADRIAAN FPSTEVYLVG PIGPRSQALL HPSVKRTNST RILKDELHVI LEYKQGEILG DWVAPSSSRF ITSHDHFSGS MVVMEMFFKA IAQFRPDLVV ITGVHLLEFQ SKEMRQEKMR LIKRNLLQIP PKVPIHLELG SLADEIFSTD VINKILPYVD SLGINEQELT FLSHIANGPH MEEYPVQAGT VHVHKVVEML HWLLKTYGRD PTGQIASKTG YRLSRIHFHC LTYHIMVSSG TDWSNLAAGL AAGARIAGRL SCNIGANTMD SELLEIRTPA NFVLDKKIEK NYQFEAHNPI ASWMREDVLF VFTPVLVCRL PSKTVGIDDA ISATGLLYSQ FYRLNRPTHW
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	56,762 Da
Sequence Positions	33-502, Full length
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 Q86S40
Species	Caenorhabditis elegans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for C50D2.7 recombinant protein	MBS1339356 is a recombinant protein targeting C50D2.7. Also known as Recombinant Caenorhabditis elegans Probable ADP-dependent glucokinase (C50D2.7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of C50D2.7 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 C50D2.7. It may not necessarily be applicable to this product.

NCBI GI #	32564831
NCBI GeneID	173393

NCBI Accession #	NP_493657.2
UniProt Primary Accession #	Q86S40
UniProt Related Accession #	Q86S40
GenBank Nucleotide #	NM_061256.4
NCBI Official Full Name	Probable ADP-dependent glucokinase
NCBI Official Symbol	C50D2.7
UniProt Protein Name	Probable ADP-dependent glucokinase
Protein Family	Probable ADP-dependent glucokinase
UniProt Gene Name	C50D2.7
UniProt Synonym Gene Names	ADP-GK; ADPGK
NCBI Protein Information	Probable ADP-dependent glucokinase
UniProt Comments for C50D2.7	Catalyzes the phosphorylation of D-glucose to D-glucose 6-phosphate using ADP as the phosphate donor. GDP and CDP can replace ADP, but with reduced efficiency ().
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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