Hexokinase-4 (AT3G20040) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hexokinase-4 (At3g20040), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Hexokinase-4 (At3g20040) , partial
Product Gene Name	At3g20040 recombinant protein
Product Synonym Gene Name	At3g20040
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	54,955 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 Q56XE8
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At3g20040 recombinant protein	MBS1351690 is a recombinant protein targeting At3g20040. Also known as Recombinant Arabidopsis thaliana Hexokinase-4 (At3g20040) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At3g20040 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 At3g20040. It may not necessarily be applicable to this product.

NCBI GI #	79408026
NCBI GeneID	821543
NCBI Accession #	NP_188639.2
UniProt Primary Accession #	Q56XE8
UniProt Secondary Accession #	Q9LJZ7
UniProt Related Accession #	Q56XE8
GenBank Nucleotide #	NM_112895.3
NCBI Official Full Name	Hexokinase

NCBI Official Symbol	ATHXK4
NCBI Official Synonym Symbols	HEXOKINASE-LIKE 2; HKL2
UniProt Protein Name	Hexokinase-4
Protein Family	Hexokinase
UniProt Gene Name	At3g20040
NCBI Protein Information	Hexokinase
UniProt Comments for At3g20040	Fructose and glucose phosphorylating enzyme. May be involved in the phosphorylation of glucose during the export from mitochondrion to cytosol ().
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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