Putative Phosphotransferase XAC2042 (XAC2042) Xanthomonas Axonopodis Pv. Citri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative phosphotransferase XAC2042 (XAC2042), Recombinant Protein
Full Product Name	Recombinant Xanthomonas axonopodis pv. citri Putative phosphotransferase XAC2042 (XAC2042)
Product Gene Name	XAC2042 recombinant protein
Product Synonym Gene Name	XAC2042
Sequence	MSTIRPVFYV SDGTGITAET IGHSLLTQFS GFNFVTDRMS FIDDADKARD AAMRVRAAGE RYQVRPVVVN SCVDPQLSMI LAESGALMLD VFAPFIEPLE RELNAPRHSR VGRAHGMVDF ETYHRRINAM NFALSHDDGI ALNYDEADVI LVAVSRAGKT PTCIYLALHY GIRAANYPLT DEDLENEQLP PRLRNYRSKL FGLTIDPERL QQIRQERRAN SRYSAAETCR REVAIAERMF QMERIPSLST TNTSIEEISS KVLSTLGLQR EMF
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	30,854 Da
Sequence Positions	1-273, 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 Q8PKW5
Species	Xanthomonas axonopodis pv. citri (strain 306)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for XAC2042 recombinant protein	MBS1342915 is a recombinant protein targeting XAC2042. Also known as Recombinant Xanthomonas axonopodis pv. citri Putative phosphotransferase XAC2042 (XAC2042). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of XAC2042 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 XAC2042. It may not necessarily be applicable to this product.

NCBI GI #	489578384
NCBI Accession #	WP_003482830.1
UniProt Primary Accession #	Q8PKW5
GenBank Nucleotide #	WP_003482830.1

NCBI Official Full Name	MULTISPECIES: phosphoenolpyruvate synthase regulatory protein
UniProt Protein Name	Putative phosphoenolpyruvate synthase regulatory protein
UniProt Synonym Protein Names	Pyruvate, water dikinase regulatory protein
UniProt Gene Name	XAC2042
UniProt Synonym Gene Names	PEP synthase regulatory protein; PSRP
UniProt Comments for XAC2042	Bifunctional serine/threonine kinase and phosphorylase involved in the regulation of the phosphoenolpyruvate synthase (PEPS) by catalyzing its phosphorylation/dephosphorylation.
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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