Kynureninase (kynU) Xanthomonas Axonopodis Pv. Citri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Kynureninase (kynU), Recombinant Protein
Full Product Name	Recombinant Xanthomonas axonopodis pv. citri Kynureninase (kynU)
Product Gene Name	kynU recombinant protein
Product Synonym Gene Name	kynU
Sequence	MTDPLSRAHA AALDAADPLR NLRDAFVFPQ HGDDDQTYFV GNSLGLQPRA ARAMVDEVLD QWGALAVEGH FTGPTQWLTY HQLVGDALAR VVGAQPGEVV AMNTLSVNLH LMMASFYRPT AERGAILIEA GAFPSDRHAV ESQLRLHGLD PATHLIEVEA DEPNGTVSMS AIAEAIAQHG PHLALVLWPG IQYRTGQAFD LAEIVRLARA QGAAVGLDLA HAVGNLPLTL HDDGVDFAVW CHYKYLNAGP GAVGGCFVHA RHATSDLPRM AGWWGHEQQT RFRMDPQFVP SPGAEGWQLS NPPVLALAPL RASLALFDQA GMAALRAKSE QLTGHLEQMI HARVPQVLQI VTPVEPARRG CQLSLRVAGG RARGRALFEH LHAAGVLGDW REPDVIRIAP VPLYNRFSDL HTFVEQVEAW AAA
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	45,845 Da
Sequence Positions	1-423, 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 Q8PM33
Species	Xanthomonas axonopodis pv. citri (strain 306)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for kynU recombinant protein	MBS1304481 is a recombinant protein targeting kynU. Also known as Recombinant Xanthomonas axonopodis pv. citri Kynureninase (kynU). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of kynU 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 kynU. It may not necessarily be applicable to this product.

NCBI GI #	499362992
NCBI Accession #	WP_011051023.1
UniProt Primary Accession #	Q8PM33
GenBank Nucleotide #	WP_011051023.1

NCBI Official Full Name	kynureninase
UniProt Protein Name	Kynureninase
UniProt Synonym Protein Names	L-kynurenine hydrolase
UniProt Gene Name	kynU
UniProt Comments for kynU	Catalyzes the cleavage of L-kynurenine (L-Kyn) and L-3-hydroxykynurenine (L-3OHKyn) into anthranilic acid (AA) and 3-hydroxyanthranilic acid (3-OHAA), respectively.
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