Kynurenine Formamidase (kynB) Pseudomonas Aeruginosa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Kynurenine formamidase (kynB), Recombinant Protein
Full Product Name	Recombinant Pseudomonas aeruginosa Kynurenine formamidase (kynB)
Product Gene Name	kynB recombinant protein
Product Synonym Gene Name	kynB
Sequence	MTSLRYWDIS PALDPNTPTW PGDTPFQQEW AARLDEQCPV NVGRITLSPH TGAHVDGPLH YRADGLPIGQ VPLDIYMGPC RVIHCIGANP LVTPEHLAGQ LDDLPSRVLL RTFERVPANW PEGFCAIAPA TIECLAERGV RLVGIDTPSL DPQHSKTLDA HHAVGRHGMA ILEGVVLDDV PAGDYELLAL PLKFTHLDAS PVRAVLRALP TAE
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	23,152 Da
Sequence Positions	1-213, 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 Q9I234
Species	Pseudomonas aeruginosa (strain 15692 / PAO1 / 1C / PRS 101 / LMG 12228)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for kynB recombinant protein	MBS1435955 is a recombinant protein targeting kynB. Also known as Recombinant Pseudomonas aeruginosa Kynurenine formamidase (kynB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of kynB 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 kynB. It may not necessarily be applicable to this product.

NCBI GI #	15597277
NCBI GeneID	878591
NCBI Accession #	NP_250771.1
UniProt Primary Accession #	Q9I234
UniProt Related Accession #	Q9I234
GenBank Nucleotide #	NC_002516.2

NCBI Official Full Name	kynurenine formamidase KynB
NCBI Official Symbol	kynB
UniProt Protein Name	Kynurenine formamidase
UniProt Synonym Protein Names	Arylformamidase
UniProt Gene Name	kynB
UniProt Synonym Gene Names	KFA; KFase; FKF
NCBI Protein Information	kynurenine formamidase KynB
UniProt Comments for kynB	Catalyzes the hydrolysis of N-formyl-L-kynurenine to L-kynurenine, the second step in the kynurenine pathway of tryptophan degradation.
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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