Patatin-2-Kuras 1 (pat2-k1) Solanum Tuberosum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Patatin-2-Kuras 1 (pat2-k1), Recombinant Protein
Full Product Name	Recombinant Solanum tuberosum Patatin-2-Kuras 1 (pat2-k1)
Product Gene Name	pat2-k1 recombinant protein
Product Synonym Gene Name	pat2-k1
Sequence	TLGEMVTVLS IDGGGIKGII PATILEFLEG QLQEVDNNKD ARLADYFDVI GGTSTGGLLT AMITTPNENN RPFAAAKDIV PFYFEHGPHI FNSSGTIFGP MYDGKYLLQV LQEKLGETRV HQALTEVAIS SFDIKTNKPV IFTKSNLAKS PELDAKMYDI CYSTAAAPIY FPPHYFVTHT SNGDRYEFNL VDGAVATVGD PALLSLSVAT RLAQEDPAFS SIKSLDYKQM LLLSLGTGTN SEFDKTYTAE EAAKWGPLRW LLAIQQMTNA ASSYMTDYYL STVFQARHSQ NNYLRVQENA LTGTTTEMDD ASEANMELLV QVGETLLKKP VSKDSPETYE EALKRFAKLL SDRKKLRANK ASY
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	41,108 Da
Sequence Positions	12-374, 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 Q3YJT3
Species	Solanum tuberosum (Potato)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pat2-k1 recombinant protein	MBS1388768 is a recombinant protein targeting pat2-k1. Also known as Recombinant Solanum tuberosum Patatin-2-Kuras 1 (pat2-k1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pat2-k1 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 pat2-k1. It may not necessarily be applicable to this product.

NCBI GI #	122217721
NCBI Accession #	Q3YJT3.1
UniProt Primary Accession #	Q3YJT3
NCBI Official Full Name	Patatin-2-Kuras 1

UniProt Protein Name	Patatin-2-Kuras 1
Protein Family	Patatin
UniProt Gene Name	pat2-k1
UniProt Comments for pat2-k1	Probable lipolytic acyl hydrolase (LAH), an activity which is thought to be involved in the response of tubers to pathogens.
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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