Imidazolonepropionase (hutI) Bacillus Thuringiensis Subsp. Konkukian Recombinant Protein

PRODUCT OVERVIEW

Product Name	Imidazolonepropionase (hutI), Recombinant Protein
Full Product Name	Recombinant Bacillus thuringiensis subsp. konkukian Imidazolonepropionase (hutI)
Product Gene Name	hutI recombinant protein
Product Synonym Gene Name	hutI
Sequence	MLDTLLINIG QLLTMDQEDG LLRREAMNTL PVIENGAVGI ENGVITFVGT AEEAKGLQAK EVIDCGGKMV SPGLVDPHTH LVFGGSRENE IALKLQGVPY LEILEQGGGI LSTVNATKQA SKEELVQKAK FHLDRMLSFG VTTVEAKSGY GLDDETEWKQ LEATAQLQKE HPIDLVSTFL GAHAVPKEYK GRSKEFLQWM LDLLPEMKEK QLAEFVDIFC ETGVFSVEES KEFLLKAKEL GFDVKIHADE IDPLGGAEAA AEIGAASADH LVGASDKGIE MLANSNTVAT LLPGTTFYLN KESFARGRKM IDEGVAVALA TDFNPGSCPT ENIQLIMSIA MLKLKMTPEE VWNAVTVNSS YAINRGDVAG KIRVGRKADL VLWDAYNYAY VPYHYGVSHV NTVWKNGNIA YTRGEQSWST ATI
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	46,171 Da
Sequence Positions	1-423, Full length
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 Q6HFF1
Species	Bacillus thuringiensis subsp. konkukian (strain 97-27)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hutI recombinant protein	MBS1348808 is a recombinant protein targeting hutI. Also known as Recombinant Bacillus thuringiensis subsp. konkukian Imidazolonepropionase (hutI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hutI 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 hutI. It may not necessarily be applicable to this product.

NCBI GI #	446810273
NCBI Accession #	WP_000887529.1
UniProt Primary Accession #	Q6HFF1

GenBank Nucleotide #	WP_000887529.1
NCBI Official Full Name	MULTISPECIES: imidazolonepropionase
UniProt Protein Name	Imidazolonepropionase
UniProt Synonym Protein Names	Imidazolone-5-propionate hydrolase
Protein Family	Imidazolonepropionase
UniProt Gene Name	hutI
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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