Urocanate Hydratase (hutU) Mycobacterium Smegmatis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Urocanate hydratase (hutU), Recombinant Protein
Full Product Name	Recombinant Mycobacterium smegmatis Urocanate hydratase (hutU), partial
Product Gene Name	hutU recombinant protein
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	60,118 Da
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 A0QRN3
Species	Mycobacterium smegmatis (strain 700084 / mc(2)155)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hutU recombinant protein	MBS1248658 is a recombinant protein targeting hutU. Also known as Recombinant Mycobacterium smegmatis Urocanate hydratase (hutU), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hutU 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 hutU. It may not necessarily be applicable to this product.

NCBI GI #	500046759
NCBI Accession #	WP_011727477.1
UniProt Primary Accession #	A0QRN3
UniProt Secondary Accession #	I7F7S1
GenBank Nucleotide #	WP_011727477.1
NCBI Official Full Name	urocanate hydratase
UniProt Protein Name	Urocanate hydratase
UniProt Synonym Protein Names	Imidazolonepropionate hydrolase
Protein Family	Probable urocanate hydratase
UniProt Gene Name	hutU

UniProt Synonym Gene Names	Urocanase
UniProt Comments for hutU	Catalyzes the conversion of urocanate to 4-imidazolone-5-propionate.
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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