Imidazoleglycerol-Phosphate Dehydratase (HIS3) Kluyveromyces Marxianus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Imidazoleglycerol-phosphate dehydratase (HIS3), Recombinant Protein
Full Product Name	Recombinant Kluyveromyces marxianus Imidazoleglycerol-phosphate dehydratase (HIS3)
Product Gene Name	HIS3 recombinant protein
Product Synonym Gene Name	HIS3
Sequence	MTYPERKAFV SRITNETKIQ IAISLHGGHI SIPNSILDRP ESDVAKQATG SQIIDIQTGI GFLDHMIHAL AKHSGWSLIV ECIGDLHIDD HHTTEDWGFG SRTGFKEALG HVRGVRRFGT GFAPLDEALS RAVVDLSNRP FAVIDLGLKR EKIGDLSCEM IPHFLESFAE AARVTLHVDC LRGFNDHHRS ESAFKALAVA IREAISSNGT NDVPSTKGVL M
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	24,215 Da
Sequence Positions	1-221, 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 Q6JV40
Species	Kluyveromyces marxianus (Yeast) (Candida kefyr)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HIS3 recombinant protein	MBS1316820 is a recombinant protein targeting HIS3. Also known as Recombinant Kluyveromyces marxianus Imidazoleglycerol-phosphate dehydratase (HIS3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HIS3 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 HIS3. It may not necessarily be applicable to this product.

NCBI GI #	51701513
NCBI Accession #	Q6JV40.1
UniProt Primary Accession #	Q6JV40
NCBI Official Full Name	Imidazoleglycerol-phosphate dehydratase

UniProt Protein Name	Imidazoleglycerol-phosphate dehydratase
UniProt Gene Name	HIS3
UniProt Synonym Gene Names	IGPD
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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