Histidinol-Phosphate Aminotransferase 2 (hisC2) Thiomicrospira Crunogena Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histidinol-phosphate aminotransferase 2 (hisC2), Recombinant Protein
Full Product Name	Recombinant Thiomicrospira crunogena Histidinol-phosphate aminotransferase 2 (hisC2)
Product Gene Name	hisC2 recombinant protein
Product Synonym Gene Name	hisC2
Sequence	MSQSLFCDEV LPHISDIQVY QPGKPISEVQ REHNLLRISK LASNENPLGA SPKAIKAVQS ELINMGRYPD GNSFYLKQDL ADFLQKQPTE IALGNGSNEL LELVARIFAG KGDEIIYSQY AFAVYSISTQ AVGATGIEVP AKEWGHDLEA MAEAITDKTK LIYLANPNNP TGTLFTQKEW EAFISKVPSN VIVVLDEAYT EYVTHDEYAN GLNYLEQYPN LIVSRTFSKA YGLAALRIGY MVANEELIAY INRLRAPFNI NHLAQVAAKA ALKDPMFVKK TVDLNTQGMQ TLTQFFEEKG LSYIPSQGNF VCVDLGPDSL KINQALLKEG VIVRPVAPEG KFSEFLRISI GLPNENQHFM AALNKILTSS NFK
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	41,389 Da
Sequence Positions	1-373, 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 Q31GD4
Species	Thiomicrospira crunogena (strain XCL-2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hisC2 recombinant protein	MBS1330149 is a recombinant protein targeting hisC2. Also known as Recombinant Thiomicrospira crunogena Histidinol-phosphate aminotransferase 2 (hisC2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hisC2 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 hisC2. It may not necessarily be applicable to this product.

NCBI GI #	499689883
NCBI Accession #	WP_011370617.1
UniProt Primary Accession #	Q31GD4

GenBank Nucleotide #	WP_011370617.1
NCBI Official Full Name	Histidinol-phosphate aminotransferase 2
UniProt Protein Name	Histidinol-phosphate aminotransferase 2
UniProt Synonym Protein Names	Imidazole acetol-phosphate transaminase 2
Protein Family	Histidinol-phosphate aminotransferase
UniProt Gene Name	hisC2
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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