Histidinol-Phosphate Aminotransferase (hisC) Shigella Sonnei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histidinol-phosphate aminotransferase (hisC), Recombinant Protein
Full Product Name	Recombinant Shigella sonnei Histidinol-phosphate aminotransferase (hisC)
Product Gene Name	hisC recombinant protein
Product Synonym Gene Name	hisC
Sequence	MSTVTITDLA RENVRNLTPY QSARRLGGNG DVWLNANEYP TAVEFQLTQQ TLNRYPECQP KAVIENYAQY AGVKPEQVLV SRGADEGIEL LIRAFCEPGK DAILYCPPTY GMYSVSAETI GVECRTVPTQ DNWQLDLQGI SDKLDGVKVV YVCSPNNPTG QLINPQDFRT LLELTRGKAI VVADEAYIEF CPQASLAGWL TEYPHLAILR TLSKAFALAG LRCGFTLANE EVINLLMKVI APYPLSTPVA DIAAQALSPQ GIVAMRERVT QIIAEREYLI AALKEIPCVE QVFDSATNYI LARFKASSAV FKSLWDQGII LRDQNKQPSL SGCLRITVGT REESQRVIDA LRAEQV
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	39,377 Da
Sequence Positions	1-356, 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 Q3Z0G4
Species	Shigella sonnei (strain Ss046)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hisC recombinant protein	MBS1337056 is a recombinant protein targeting hisC. Also known as Recombinant Shigella sonnei Histidinol-phosphate aminotransferase (hisC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hisC 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 hisC. It may not necessarily be applicable to this product.

NCBI GI #	446031122
NCBI Accession #	WP_000108977.1
UniProt Primary Accession #	Q3Z0G4
GenBank Nucleotide #	WP_000108977.1
NCBI Official Full Name	histidinol-phosphate aminotransferase

UniProt Protein Name	Histidinol-phosphate aminotransferase
UniProt Synonym Protein Names	Imidazole acetol-phosphate transaminase
Protein Family	Histidinol-phosphate aminotransferase
UniProt Gene Name	hisC
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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