Histidine Decarboxylase (hdc) Klebsiella Ornithinolytica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histidine decarboxylase (hdc), Recombinant Protein
Full Product Name	Recombinant Klebsiella ornithinolytica Histidine decarboxylase (hdc)
Product Gene Name	hdc recombinant protein
Product Synonym Gene Name	hdc
Sequence	NGGTEGNMFG CYLGREIFPN GTLYYSKDTH YSVAKIVKLL RIKSTLVESQ PNGEMDYADL IKKIKRDNEK HPIIFANIGT TVRGAIDNIA IIQQSISELG IERKDYYLHA DAALSGMILP FVDNPQPFNF ADGIDSIGVS GHKMIGSPIP CGIVVAKKKN VDRISVEIDY ISAHDKTISG SRNGHTPLMM WEAIRSHSWE EWRRRIERSL NMAQYAVDRF QSAGIDAW
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	25,560 Da
Sequence Positions	1-228, 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 Q8L0Z4
Species	Klebsiella ornithinolytica (Raoultella ornithinolytica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hdc recombinant protein	MBS1330565 is a recombinant protein targeting hdc. Also known as Recombinant Klebsiella ornithinolytica Histidine decarboxylase (hdc). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hdc 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 hdc. It may not necessarily be applicable to this product.

NCBI GI #	27151485
NCBI Accession #	Q8L0Z4.1
UniProt Primary Accession #	Q8L0Z4
NCBI Official Full Name	Histidine decarboxylase
UniProt Protein Name	Histidine decarboxylase

Protein Family	Headcase protein
UniProt Gene Name	hdc
UniProt Synonym Gene Names	HDC
UniProt Comments for hdc	MiscellaneousThis histamine-producing bacteria (HPB) causes histamine fish poisoning.
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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