Deoxyhypusine Hydroxylase (LIA1) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Deoxyhypusine hydroxylase (LIA1), Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Deoxyhypusine hydroxylase (LIA1)
Product Gene Name	LIA1 recombinant protein
Product Synonym Gene Name	LIA1; DEHA2F23518g
Product Synonym Names	Deoxyhypusine hydroxylase; DOHH; EC=1.14.99.29; Deoxyhypusine dioxygenase; Deoxyhypusine monooxygenase
Sequence	MTEEINIDTA TLEQLRDVLT NKSGDVKLAN RFRALFNLKC VGAESENQDE VHKAIDYIAE SFKDDSELLK HEVAYVLGQT KNLHAAQYLR SVLENNNQQI MVRHEAAEAL GALGDKDSLA LLEDYFKNDP SIEIKQTCEL AIERIRWENS EKAKAENLET SLYTSIDPAP PMPSDQESKV EKLQKILNNQ DEPLFERYRA MFRLRDMGTD EACLALASGL DDDPSALFKH EIAYVFGQLC NPVTVPALIK TLKDEREAAM VRHEAAEALG SIATDECLPV LQSFLNDKDQ VVRDSAVVAL DMYEYENSTE I
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	35,016 Da
Sequence Positions	1-311aa; 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 Q6BKA6
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LIA1 recombinant protein	MBS1333053 is a recombinant protein targeting LIA1. Also known as Recombinant Debaryomyces hansenii Deoxyhypusine hydroxylase (LIA1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LIA1 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 LIA1. It may not necessarily be applicable to this product.

NCBI GI #	50425539
NCBI GeneID	2903920
NCBI Accession #	XP_461365.1

UniProt Primary Accession #	Q6BKA6
UniProt Related Accession #	Q6BKA6
GenBank Nucleotide #	XM_461365.1
NCBI Official Full Name	DEHA2F23518p
NCBI Official Symbol	DEHA2F23518g
UniProt Protein Name	Deoxyhypusine hydroxylase
UniProt Synonym Protein Names	Deoxyhypusine dioxygenase; Deoxyhypusine monooxygenase
UniProt Gene Name	LIA1
UniProt Synonym Gene Names	DOHH
UniProt Entry Name	DOHH_DEBHA
NCBI Protein Information	DEHA2F23518p
UniProt Comments for LIA1	Catalyzes the hydroxylation of the N(6)-(4-aminobutyl)-L-lysine intermediate to form hypusine, an essential post-translational modification only found in mature eIF-5A factor.
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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