Deoxyhypusine Hydroxylase (LIA1) Lentinula Edodes Recombinant Protein

PRODUCT OVERVIEW

Product Name	Deoxyhypusine hydroxylase (LIA1), Recombinant Protein
Full Product Name	Recombinant Lentinula edodes Deoxyhypusine hydroxylase (LIA1)
Product Gene Name	LIA1 recombinant protein
Product Synonym Gene Name	LIA1
Sequence	MSLSATQLKA LEDSVLNTSG KVLLHDRVRA LFTLKSLKNE DAIRIISKGF QDSAALLKHE LAYCLGQIRN PLALPVLESV LRNPSEDPMV RHEAAEAMGA ISTADSIPIL KQYLSDPDRS VRETCEIAIA KIEWDKTEEG AKNDKATRDE NRLPLYTSID PAPATSGLLT GAPRPEEISQ TKIDELRDNL LDVNRPLFER YRAMFALRNI GSPAAVDALA AGFSGDSALF KHEIAFVFGQ LLSPHSVPCL IEVLQNSPES DMVRHEAAEA LGGIATPEVL PPLKEWVARD DAPVVVRESC QVALDLWEYE NSGDFQYANG LESPSTPISV
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	36,124 Da
Sequence Positions	1-330, 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 Q96WP5
Species	Lentinula edodes (Shiitake mushroom) (Lentinus edodes)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LIA1 recombinant protein	MBS1336044 is a recombinant protein targeting LIA1. Also known as Recombinant Lentinula edodes 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 #	74630830
NCBI Accession #	Q96WP5.1
UniProt Primary Accession #	Q96WP5
NCBI Official Full Name	Deoxyhypusine hydroxylase
UniProt Protein Name	Deoxyhypusine hydroxylase

UniProt Synonym Protein Names	Deoxyhypusine dioxygenase
UniProt Gene Name	LIA1
UniProt Synonym Gene Names	DOHH
UniProt Comments for LIA1	Catalyzes the hydroxylation of the N6-(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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