Uroporphyrinogen Decarboxylase (hemE) Chlorobaculum Parvum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uroporphyrinogen decarboxylase (hemE), Recombinant Protein
Full Product Name	Recombinant Chlorobaculum parvum Uroporphyrinogen decarboxylase (hemE)
Product Gene Name	hemE recombinant protein
Product Synonym Gene Name	hemE; Cpar_1915
Product Synonym Names	Uroporphyrinogen decarboxylase; UPD; URO-D; EC=4.1.1.37
Sequence	MLKNDLFLRA LKRQSTPRTP IWVMRQAGRY LPEYRAVREK TDFLTLCKTP ELACEVTIQP VDLMGVDAAI IFSDILVVNE AMGMDVQIIE SKGIKLTPEI RSQADIDKLI DPDVEEKLGY VFDAIRLTKK ELNDRVPLIG FSGAAWTLFT YAVEGGGSKN YANAKKMMYR EPQMAHQLLQ KITTCISNYL IKQVEAGADA IQIFDSWASA LSEDDYREFA LPYIKQNVAA VKAAYPEVPV IVFAKDMNTI LSDVADTGAD AVGLGWNIDI AKARKELNDR VCLQGNMDPT VLYGTPEKIK SEAAKILKQF GQHTDCSGHV FNLGHGILPD VDPANLKCLV EFVKEESAKY H
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	39,122 Da
Sequence Positions	1-351aa; 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 B3QL69
Species	Chlorobaculum parvum (strain NCIB 8327) (Chlorobium vibrioforme subsp. thiosulfatophilum (strain DSM 263 / NCIB 8327))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hemE recombinant protein	MBS1242994 is a recombinant protein targeting hemE. Also known as Recombinant Chlorobaculum parvum Uroporphyrinogen decarboxylase (hemE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hemE 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 hemE. It may not necessarily be applicable to this product.

NCBI GI #	501494767
NCBI GeneID	6420867
NCBI Accession #	WP_012503140.1

UniProt Primary Accession #	B3QL69
UniProt Related Accession #	B3QL69
GenBank Nucleotide #	WP_012503140.1
NCBI Official Full Name	uroporphyrinogen decarboxylase
NCBI Official Symbol	hemE
UniProt Protein Name	Uroporphyrinogen decarboxylase
UniProt Gene Name	hemE
UniProt Synonym Gene Names	UPD; URO-D
UniProt Entry Name	DCUP_CHLP8
NCBI Protein Information	uroporphyrinogen decarboxylase
UniProt Comments for hemE	Catalyzes the decarboxylation of four acetate groups of uroporphyrinogen-III to yield coproporphyrinogen-III.
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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