# Uroporphyrinogen Decarboxylase (hemE) Escherichia Coli Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Uroporphyrinogen decarboxylase (hemE), Recombinant Protein |
| **Full Product Name** | Recombinant Escherichia coli Uroporphyrinogen decarboxylase (hemE) |
| **Product Gene Name** | hemE recombinant protein |
| **Sequence** | MTELKNDRYL RALLRQPVDV TPVWMMRQAG RYLPEYKATR AQAGDFMSLC KNAELACEVT LQPLRRYPLD AAILFSDILT VPDAMGLGLY FEAGEGPRFT SPVTCKADVD KLPIPDPEDE LGYVMNAVRT IRRELKGEVP LIGFSGSPWT LATYMVEGGS SKAFTVIKKM MYADPQALHA LLDKLAKSVT LYLNAQIKAG AQAVMIFDTW GGVLTGRDYQ QFSLYYMHKI VDGLLRENDG RRVPVTLFTK GGGQWLEAMA ETGCDALGLD WTTDIADARR RVGNKVALQG NMDPSMLYAP PARIEEEVAT ILAGFGHGEG HVFNLGHGIH QDVPPEHAGV FVEAVHRLSE QYHR |
| **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** | 39,248 Da |
| **Sequence Positions** | 1-354, 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 B1LNU9 |
| **Species** | Escherichia coli (strain SMS-3-5 / SECEC) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for hemE recombinant protein** | MBS1228355 is a recombinant protein targeting hemE. Also known as Recombinant Escherichia coli 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.

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| **NCBI GI #** | 446059802 |
| **NCBI Accession #** | WP_000137657.1 |
| **UniProt Primary Accession #** | B1LNU9 |
| **GenBank Nucleotide #** | WP_000137657.1 |
| **NCBI Official Full Name** | MULTISPECIES: uroporphyrinogen decarboxylase |

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| **UniProt Protein Name** | Uroporphyrinogen decarboxylase |
| **UniProt Gene Name** | hemE |
| **UniProt Synonym Gene Names** | UPD; URO-D |
| **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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