Uroporphyrinogen Decarboxylase (hemE) Gramella Forsetii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uroporphyrinogen decarboxylase (hemE), Recombinant Protein
Full Product Name	Recombinant Gramella forsetii Uroporphyrinogen decarboxylase (hemE)
Product Gene Name	hemE recombinant protein
Sequence	MIKNDLLLKA LKGESVERPP VWMMRQAGRY LPDFMKLKEK YDFFTRCRTP ELATEITVMP IRQIGPDAAI LFSDILVVPQ AMNIEVEMKP GVGPWLPNPI DSPKKVEQVI VPDVNEELGY VFEAIKMTKQ ELNDEVPLIG FAGSPWTILC YCVQGQGSKT FDKAKRFCFM NPIAAHTLLQ KITDTTIAYL KEKVKAGVDA VQLFDSWGGL LEPKDYQEFS WKYMQQIIEA LKDEVPVIAY GKGCWFALDK MAKSGAAALG VDWTCEARNA RYLSGGEITL QGNFDPARLY SKPIEIKYMV NDMIKAFGKD RYIANLGHGI LPNIPVDNAK AFVDAVKEYK E
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	38,434 Da
Sequence Positions	1-341, 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 A0M6C4
Species	Gramella forsetii (strain KT0803)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hemE recombinant protein	MBS1253490 is a recombinant protein targeting hemE. Also known as Recombinant Gramella forsetii 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 #	500030352
NCBI Accession #	WP_011711070.1
UniProt Primary Accession #	A0M6C4
GenBank Nucleotide #	WP_011711070.1
NCBI Official Full Name	uroporphyrinogen decarboxylase
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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