Ferrochelatase (hemH) Pseudomonas Fluorescens Biotype C Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ferrochelatase (hemH), Recombinant Protein
Full Product Name	Recombinant Pseudomonas fluorescens biotype C Ferrochelatase (hemH)
Product Gene Name	hemH recombinant protein
Sequence	MTDHALLLVN LGSPASTSVA DVRSYLNQFL MDPYVIDLPW PVRRLLVSLI LIKRPAQSAH AYASIWWDEG SPLVVLSRRL QQQMTAQWTQ GPVELAMRYG EPSIESVLTR LAGQGISKVT LAPLYPQFAD STVTTVIEEA RRVVRDKQLD LQFSILQPFY DQPEYLDALV ASARPHLQQD YDHLLFSFHG LPERHLNKLN PGHSLEGSGD CCANASPEVR TTCYRGQCFS VARDFAARMG LPDDKWSVAF QSRLGRAKWI EPYTEARLEA LAQQGVKKLL VMCPAFVADC IETLEEIGDR GLEQFREAGG EELVLVPCLN DDPQWAVALN TLCERAPVSL
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	38,036 Da
Sequence Positions	1-340, 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 P57778
Species	Pseudomonas fluorescens biotype C
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hemH recombinant protein	MBS1264166 is a recombinant protein targeting hemH. Also known as Recombinant Pseudomonas fluorescens biotype C Ferrochelatase (hemH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hemH 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 hemH. It may not necessarily be applicable to this product.

NCBI GI #	13124278
NCBI Accession #	P57778.1
UniProt Primary Accession #	P57778
NCBI Official Full Name	Ferrochelatase
UniProt Protein Name	Ferrochelatase
UniProt Synonym Protein Names	Heme synthase; Protoheme ferro-lyase

Protein Family	Ferrochelatase
UniProt Gene Name	hemH
UniProt Comments for hemH	Catalyzes the ferrous insertion into protoporphyrin IX.
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