

Ferrochelatase, mitochondrial (FECH) Recombinant Protein | FECH recombinant protein

Recombinant Bovine Ferrochelatase, mitochondrial (FECH)

CATALOG #
AAA113638

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Ferrochelatase; mitochondrial (FECH); Recombinant Bovine Ferrochelatase; FECH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	48-416. Full length of the mature protein.
Sequence	SPKPQAQPGN RKPRTGILML NMGGPETVEE VQDFLQRLFL DQDLMTLPVQ DKLGPPIAKR RTPKIQEQYR RIGGGSPIKM WTSKQEGEMV KLLDELSPT APHKYYIGFR YVHPLTEEI EEMERDGLER AVAFTQYPQY SCSTTGSSLN AIYRYYNEVG RKPTMKWSTI DRWPTHLLI QCFADHILKE LDHFPPEKRR EVVILFSAHS LPMSVVRGD PYPQEVGATV QRVMDKLGYS NPYRLVWQSK VGPMPWLGPQ TDEAIKGLCK RGRKNILLVP IAFTSDHIET LYELDIEYSQ VLASECGLEN IRRAESLNGN PLFSKALADL VSHLQSKER CSTQLTLSCP LCVNPTCRET KSFFTSQQL
Sequence Length	416
Species	Bovine
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.

ADDITIONAL INFORMATION

Related Product Information for FECH recombinant protein	This protein is localized to the mitochondrion, where it catalyzes the insertion of the ferrous form of iron into protoporphyrin IX in the heme synthesis pathway. Mutations in this gene are associated with erythropoietic protoporphyria. Two transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27806631
NCBI GeneID	281158
NCBI Accession #	NP_776479.1
NCBI GenBank Nucleotide #	NM_174054.2
UniProt Accession #	P22600
Molecular Weight	58.1 kDa
NCBI Official Full Name	ferrochelatase, mitochondrial
NCBI Official Synonym Full Names	ferrochelatase
NCBI Official Symbol	FECH

NCBI Protein Information	ferrochelataase, mitochondrial
UniProt Protein Name	Ferrochelataase, mitochondrial
UniProt Gene Name	FECH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fech-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113638>