

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

Recombinant Human Ferrochelatase, mitochondrial (FECH)

CATALOG # AAA113721	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

PRODUCT SYNONYMS

Ferrochelatase; mitochondrial (FECH); Recombinant Human 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	55-423aa; Full Length of Mature Protein
Sequence	GAKPQVQPQK RKPKTGILML NMGGPETLGD VHDLLRLFL DRDLMTLPIQ NKLAPFIAKR RTPKIQEQYR RIGGGSPIKI WTSKQEGMV KLLDELPNT APHKYYIGFR YVHPLTEEI EEMERDGLER AIAFTQYPQY SCSTTGSSLN AIYRYYNQVG RKPTMKWSTI DRWPTHLLI QCFADHILKE LDHFPLEKRS EVVILFSAHS LPMSVVRNGD PYPQEVSATV QKVMERLEYC NPYRLVWQSK VGPMPWLGPQ TDESIKGLCE RGRKNILLVP IAFTSDHIET LYELDIEYSQ VLAKECGVEN IRRAESLNGN PLFSKALADL VHSHIQSNEL CSKQLTLSCP LCVNPVCRET KSFFTSQQL
Species	Human
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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	60499021
NCBI GeneID	2235
NCBI Accession #	NP_000131.2
NCBI GenBank Nucleotide #	NM_000140.3
UniProt Accession #	P22830; Q8IXN1; Q8NAN0; A8KA72
Molecular Weight	48,625 Da
NCBI Official Full Name	ferrochelatase, mitochondrial isoform b
NCBI Official Synonym Full Names	ferrochelatase
NCBI Official Symbol	FECH
NCBI Official Synonym Symbols	EPP; FCE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/fech-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113721>