

Recombinant human FECH protein, C-Myc/DDK-tagged

Cat. No. FECH-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FECH protein, C-Myc/DDK-tagged, was expressed in HEK293T cell
Species	Human
Source	HEK293
Description	The protein encoded by this gene 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. A pseudogene of this gene is found on chromosome 3.
Molecular Mass	42.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80°C.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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GENE INFORMATION

Gene Name FECH ferrochelatase [Homo sapiens (human)]

Official Symbol FECH

Synonyms EPP; FCE; EPP1

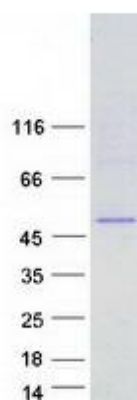
Gene ID 2235

mRNA Refseq NM_001012515.4

Protein Refseq NP_001012533

MIM 612386

UniProt ID P22830



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