

Recombinant Mouse Fech Protein, Myc/DDK-tagged

Cat. No. Fech-2984M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ferrochelatase (Fech), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the ferrous insertion into protoporphyrin IX.
Molecular Mass	47.9 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 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Fech ferrochelatase [<i>Mus musculus</i> (house mouse)]
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Official Symbol	Fech
Synonyms	FECH; ferrochelatase; ferrochelatase, mitochondrial; heme synthase; heme synthetase; protoheme ferro-lyase; Fcl; fch; AI894116
Gene ID	14151
mRNA Refseq	NM_007998
Protein Refseq	NP_032024
UniProt ID	www.uniprot.org/uniprot/Q544X6

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