Recombinant Mouse Fth1 protein, His-tagged

Cat. No. Fth1-69M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fth1(Met1~Ser182) fused with His tag at C-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Ser182
Description	Fth1 played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	22.6kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Fth1 ferritin heavy chain 1 [Mus musculus]
Official Symbol	Fth1
Synonyms	FTH1; ferritin heavy chain 1; ferritin heavy chain; H-ferritin; ferritin H subunit; FHC; Fth; HFt; MFH; AL022624; AL033366;
Gene ID	14319
mRNA Refseq	NM_010239
Protein Refseq	NP_034369
UniProt ID	P09528
Chromosome Location	19 A; 19 6.23 cM
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Iron Homeostasis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Porphyrin and chlorophyll metabolism, organism-specific biosystem;

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Function	ferric iron binding; ferroxidase activity; metal ion binding; oxidoreductase activity; transition metal ion binding;

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