

Recombinant Human FTH1 protein, GST-tagged

Cat. No. FTH1-2931H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FTH1 protein(P02794)(2-183aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-183aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	48.1 kDa
AA Sequence	TTA ¹ ASTSQVRQNYHQDSEAAINRQINLELYASYVYLSMSYYFDRDDVALKNFAKYFLH Q ² SHEEREHA ³ EKL ⁴ MKL ⁵ Q ⁶ NQRGGRIFLQDIKKPDCDDWESGLNAMECALHLEKNVNQ SLLELHKLATDKNDPHLCDFIETHYLN ¹¹ EQVKA ¹² IKELGDHVTNLRKMGAPESGLAEYLF DKHTLGDS ¹⁸ DNES
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION
Gene Name

[FTH1](#) ferritin, heavy polypeptide 1 [Homo sapiens]

Official Symbol

[FTH1](#)

Synonyms

FTH1; ferritin, heavy polypeptide 1; FTHL6; ferritin heavy chain; apoferritin; FHC; FTH; PIG15; placenta immunoregulatory factor; PLIF; proliferation inducing protein 15; ferritin H subunit; proliferation-inducing protein 15; cell proliferation-inducing gene 15 protein; MGC104426;

Gene ID

[2495](#)

mRNA Refseq

[NM_002032](#)

Protein Refseq

[NP_002023](#)

UniProt ID

[P02794](#)

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