

FTH1, 1-183aa, Human, Recombinant, E.coli

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3th Edition

Synonyms:Ferritin, heavy polypeptide 1, FTH, PLIF, FTHL6, PIG15

Description:Ferritin, heavy polypeptide 1 (FTH1) is a ubiquitous protein which plays a major role in iron sequestration, detoxification and storage. FTH1 is found in all living species. FTH1 encodes the heavy subunit of ferritin, the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Recombinant FTH1 protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid in 20mM Tris pH 7.5, 1mM DTT, 10% glycerol

Molecular Weight:21 kDa (183 aa)

Sequences:

Purity:> 95% by HPLC

Concentration:1 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.