FTL
Native Human Ferritin Liver High Purity

Catalog No.	CSI20324A CSI20324B	**Quantity:**	1.0 mg 3 mg

Alternate Names: FTL

Description: Human Ferritin is a globular protein found mainly in the liver, which can store about 4500 iron ions in a hollow shell made of 24 identical subunits. Inside the human Ferritin shell, iron ions form crystallites together with phosphate and hydroxide ions.
Human Serum Ferritin levels are measured in patients as part of the iron studies workup for anemia and for restless leg syndrome. Human Ferritin levels have a direct correlation with the total amount of iron stored in the body. Human Ferritin level(s) are also indicative of the erosion of iron stores during pregnancy.

Human Serum Ferritin research reports that individuals with true iron-deficiency anemia exhibit extremely low human serum Ferritin values. Additional human Ferritin research reports that human serum Ferritin measurement is sero-diagnosis of cancer whereby high levels of human serum Ferritin which are not related to body-iron stores have been observed.

Concentration: >1.0 mg/ml

Gene ID: 2512

Source: Human Liver

Molecular Weight: 440 kDa

Formulation: Liquid in tris buffered sodium chloride, pH 7.5 + bromo-nitro-dioxane + methylisothiazolone as preservatives.

Purity: >98%

Storage & Stability: Store at 2-4°C. Stable for 2 years from delivery. **DO NOT FREEZE.**

Certification: Non-reactive for HIV-1/HCV/HBV by NAT, HbsAg, HCV Ab, HIV 1 and 2 Ab, and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Bio-safety Level 2 (BSL 2) as recommended for any potentially infectious human serum of blood specimen in the CDC/NIH manual "Bio-safety in microbiological and Biomedical Laboratories", 1999.

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