

Native Human Ferritin Protein, Tag Free

Cat. No. Ferritin-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human Ferritin Protein without tag was purified from Liver.
Species	Human
Source	Liver
Description	This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes.
Tag	Non
Form	Liquid, clear, reddish-brown solution
CAS Number	9007-73-2
Infectious Disease Testing	Negative or non-reactive at the donor level for anti-HIV 1 and 2, anti-HCV, HBsAg, HIV-1/2 (NAT), HBV (NAT), HCV (NAT), and syphilis by FDA approved methods.
Molecular Mass	440 kDa

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Purity	> 95% by SDS-PAGE
Applications	Immunoassay/Immunology; Clinical Chemistry; Tumor/Cancer; Coagulation/Hematology
Storage	2-8 centigrade.
Storage Buffer	Solution in tris buffered sodium chloride, pH 7.5, with bromo-nitro-dioxane and methylisothiazolone as preservatives.
Concentration	3-6 mg/mL (Lowry)
GENE INFORMATION	
Gene Name	FTL ferritin, light polypeptide [Homo sapiens (human)]
Official Symbol	FTL
Synonyms	FTL; ferritin, light polypeptide; ferritin light chain; ferritin L subunit; ferritin L chain; ferritin light polypeptide like 3; L apoferritin; MGC71996; ferritin L-chain; ferritin light polypeptide-like 3; NBIA3
Gene ID	2512
mRNA Refseq	NM_000146
Protein Refseq	NP_000137
MIM	134790
UniProt ID	P02792

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