

Native Human FTL

Cat. No. FTL-26944TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Full length native mature Ferritin protein purified from Human spleen.
Species	Human
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.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: Sodium chloride, pH 7.5
Storage	Store at +4°C. Do not freeze.
Full Length	Full L.

GENE INFORMATION

Gene Name	FTL ferritin, light polypeptide [Homo sapiens]
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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;
Gene ID	2512
mRNA Refseq	NM_000146
Protein Refseq	NP_000137
MIM	134790
Uniprot ID	P02792
Chromosome Location	19q13.33
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem;
Function	binding; ferric iron binding; identical protein binding; iron ion binding; oxidoreductase activity;