Native Human Placenta Ferritin

Cat. No. FTH1-1868H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human Placenta Ferritin
Species	Human
Source	Placenta
Description	This gene 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. 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 ferritin proteins are associated with several neurodegenerative diseases. This gene has multiple pseudogenes. Several alternatively spliced transcript variants have been observed, but their biological validity has not been determined.
Form	Liquid Clear, reddish-brown solution
Molecular Mass	440000
Purity	≥ 96% (SDS-PAGE)
Storage	2-8 centigrade, Shelf Life 2 years
Concentration	2.0-7.0 mg/mL (Lowry)

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Shipping	Cold Packs
CAS No.	9007-73-2

GENE INFORMATION

Gene Name	FTH1 ferritin heavy chain 1 [Homo sapiens (human)]
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
MIM	134770
UniProt ID	P02794

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