Recombinant Human FTH1 Protein (Ala814-Arg1036), N-His tagged

Cat. No. FTH1-3039H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FTH1 (Ala814-Arg1036) protein fused with the N-terminal His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala814-Arg1036
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.
Molecular Mass	22.05 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in TBS pH 8.0 or lyophilized from TBS pH 8.0.
Shipping	In general, proteins are provided as lyophilized powder. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	FTH1 ferritin, heavy polypeptide 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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