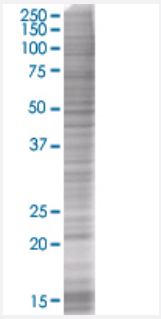
FTH1 293T Cell Transient Overexpression Lysate(Denatured)

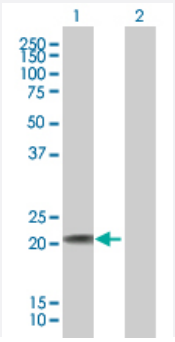
Catalog # H00002495-T02 Size 100 uL

Applications



SDS-PAGE Gel

FTH1 transfected lysate



Western Blot

Lane 1: FTH1 transfected lysate (21.2 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FTH1 full-length
Host	Human
Theoretical MW (kDa)	21.2
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-FTH1 antibody (H00002495-B03) by Western Blots. SDS-PAGE Gel FTH1 transfected lysate Western Blot Lane 1: FTH1 transfected lysate (21.2 KDa). Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — FTH1

Entrez GeneID	2495
GeneBank Accession#	NM_002032
Protein Accession#	NP_002023
Gene Name	FTH1
Gene Alias	FHC, FTH, FTHL6, MGC104426, PIG15, PLIF
Gene Description	ferritin, heavy polypeptide 1
Omim ID	134770
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	apoferritin|placenta immunoregulatory factor|proliferation-inducing protein 15

Pathway

- Porphyrin and chlorophyll metabolism

Disease

- Parkinson disease