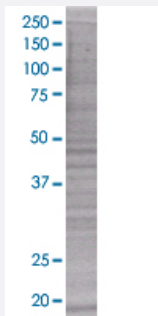


FTL 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002512-T01

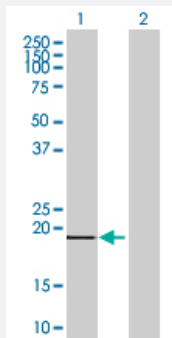
Size 100 uL

Applications



SDS-PAGE Gel

FTL transfected lysate



Western Blot

Lane 1: FTL transfected lysate (20 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-FTL full-length

Host Human

Theoretical MW (kDa) 20

Quality Control Testing Transient overexpression cell lysate was tested with Anti-FTL antibody ([H00002512-B01](#)) by Western Blots.
SDS-PAGE Gel
FTL transfected lysate
Western Blot
Lane 1: FTL transfected lysate (20 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 — FTL

Entrez GeneID[2512](#)**GeneBank Accession#**[NM_000146](#)**Protein Accession#**[NP_000137](#)**Gene Name**

FTL

Gene Alias

MGC71996

Gene Description

ferritin, light polypeptide

Omim ID[134790](#) [600886](#) [606159](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

L apoferritin|ferritin L subunit|ferritin L-chain|ferritin light chain|ferritin light polypeptide-like 3

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)

- [Huntington disease](#)
- [Lung Neoplasms](#)
- [Parkinson disease](#)