



## Human FTL peptide (DAG-P1612)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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, Jul 2008]
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the ferritin family. Contains 1 ferritin-like diiron domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">FTL ferritin, light polypeptide [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FTL
<b>Synonyms</b>	FTL; ferritin, light polypeptide; LFTD; NBIA3; ferritin light chain; ferritin L-chain; ferritin L subunit; ferritin light polypeptide-like 3;
<b>Entrez Gene ID</b>	<a href="#">2512</a>

<b>mRNA Refseq</b>	<a href="#">NM_000146.3</a>
<b>Protein Refseq</b>	<a href="#">NP_000137.2</a>
<b>UniProt ID</b>	P02792
<b>Chromosome Location</b>	19q13.33
<b>Pathway</b>	Binding and Uptake of Ligands by Scavenger Receptors, organism-specific biosystem; Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Integrated Pancreatic Cancer Pathway, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Porphyrin and chlorophyl
<b>Function</b>	ferric iron binding; identical protein binding; iron ion binding; protein binding;