

Product datasheet for **AR09026PU-L**

Ferritin light chain (FTL) (1-175) Human Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Ferritin light chain (FTL) (1-175) human recombinant protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MSSQIRQNYSDVAAVNSLVNLYLQASYTYLSLGFYFDRDDVALEGVSHFFRELAEEKREGYERLLKMQNQRGGRALFQDIKKPAEDEWGKTPDAMKAA MALEKKNQA LLDLHALGSA RTDPHLCDFL ETHFLDEEVK LIKKMGDHLT NLHRLGGPEA GLGEYLFERL TLKHD |
| Predicted MW: | 20 kDa |
| Concentration: | lot specific |
| Purity: | >90% > 90% by SDS PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl (pH 7.5) |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human FTL was expressed in E.coli and purified by conventional chromatography techniques. |
| Note: | NCBI Accession No.: NP_000137 |
| Storage: | Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_000137 |
| Locus ID: | 2512 |
| UniProt ID: | P02792 , A0A384MDR3 |
| Cytogenetics: | 19q13.33 |
| Synonyms: | LFTD; NBIA3 |



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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, Jul 2008]

Protein Families:

Druggable Genome

Product images: