

Product datasheet for **AR09026PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	Ferritin light chain (FTL) (1-175) human recombinant protein, 0.1 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: