

Ferritin light chain (FTL) Recombinant Protein | FTL recombinant protein

Recombinant Cat Ferritin light chain (FTL)

CATALOG #
AAA116827

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Ferritin light chain (FTL); Recombinant Cat Ferritin light chain (FTL); FTL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-175aa; Full Length of Mature Protein
Sequence	SSQIRQNYST EVEAAVNRLV NMHLRASYTY LSLGFYFDRD DVALEGVGHF FRELAEEKRE GAERLLKMQN QRGGRALFLD VQKPSQDEWG KTL DAMEAAL LLEKNLNQGL LDLHALGSAR ADPHLCDFLE NHFLDEEVKL IKKMGDHLTN LRRLSGPQAE LGEYLFERLT LKHD
Species	Felis catus (Cat) (Felis silvestris catus)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for FTL recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114326410
NCBI GeneID	654515
NCBI Accession #	NP_001041615.1
NCBI GenBank Nucleotide #	NM_001048150.1
UniProt Accession #	Q2MHN1
Molecular Weight	20,103 Da
NCBI Official Full Name	ferritin light chain
NCBI Official Symbol	FTL
NCBI Protein Information	ferritin light chain
UniProt Protein Name	Ferritin light chain
UniProt Gene Name	FTL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ftl-recombinant-protein-e-coli/116827>