

Ferritin heavy chain Recombinant Protein | FTH1 recombinant protein

Recombinant human Ferritin heavy chain

CATALOG #
AAA113351

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Ferritin heavy chain; Recombinant human Ferritin heavy chain; Recombinant human Ferritin heavy chain protein; FTH1 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	2-183aa; Full Length of Mature Protein
Sequence	TTASTSQVRQ NYHQDSEAAI NRQINLELYA SYVYLSMSYY FDRDDVALKN FAKYFLHQSH EEREHAEKLM KLQNQRGGRI FLQDIKKPDC DDWESGLNAM ECALHLEKNV NQSLLELHKL ATDKNDPHLC DFIETHYLN QVKAIKELGD HVTNLRKMGA PESGLAEYLF DKHTLGSDSN ES
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

ADDITIONAL INFORMATION

Related Product Information for FTH1 recombinant protein	Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney
References	[1] "Cloning and sequencing of a full length cDNA coding for a human apoferritin H chain: evidence for a multigene family."

NCBI AND UNIPROT INFORMATION

NCBI GI #	56682959
NCBI GeneID	2495
NCBI Accession #	NP_002023.2
NCBI GenBank Nucleotide #	NM_002032.2
UniProt Accession #	P02794 ; Q3KRA8 ; Q3SWW1 ; B3KNR5
Molecular Weight	26 KD
NCBI Official Full Name	ferritin heavy chain
NCBI Official Synonym Full Names	ferritin, heavy polypeptide 1
NCBI Official Symbol	FTH1
NCBI Official Synonym Symbols	FHC; FTH; HFE5; PLIF; FTHL6; PIG15
NCBI Protein Information	ferritin heavy chain

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://stage.aaabiotech.com/ferritin-heavy-chain-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113351>