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32-9171: Recombinant Human Ferritin heavy chain/FTH

Alternative Name : Ferritin heavy chain,FTH1,FTH,FTHL6,Ferritin H subunit,Cell proliferation-inducing gene 15 protein

Description

Source : E.coli;
Ferritin heavy polypeptide 1(FTH1), is a ubiquitous intracellular protein which stores iron in a soluble, non-toxic, readily available form. FTH1 has ferroxidase activity and is important for iron homeostasis. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Ferritin is composed of 24 subunits of the light and heavy ferritin chains. It plays a role in delivery of iron to cells and mediates iron uptake in capsule cells of the developing kidney. Variation of ferritin subunit composition may affect iron absorption and release in different tissues. Deficiency of ferritin proteins may cause several neurodegenerative diseases. Almost all living organisms can produce this protein, including algae, bacteria, higher plants, and animals.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Amino Acid : Recombinant Human Ferritin heavy chain is produced by our E.coli expression system and the target gene encoding Met1-Ser183 is expressed.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.