

Hefestin

Hefestin is enzyme involved in the transport of iron across the basolateral membrane enterocyte into the bloodstream. We classify it among ferrooxidases. It is a membrane homologue of plasma ceruloplasmin.

Hefestin catalyzes the oxidation of ferrous iron released from ferroportin to trivalent, which is necessary for its further transmission in the blood by transferrin.

Links

Related Articles

- Iron

Used literature

- HORÁK, Jiří, et al. Hemochromatosis [online] . 1st edition. Grada Publishing as, 2010. 248 pp. Also available from < https://books.google.com/books?id=U3daAgAAQBAJ&pg=PA29&redir_esc=y&hl=en >. ISBN 978-80-247-6385-9 .