

## Datasheet: 4420-4804

<b>Description:</b>	NATIVE HUMAN FERRITIN
<b>Name:</b>	FERRITIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified protein from human liver - liquid
<b>Preparation</b>	Multiple purification steps
<b>Buffer Solution</b>	TRIS buffered sodium chloride pH 7-8
<b>Preservative</b>	<0.01% bromo-nitro-dioxane
<b>Stabilisers</b>	<0.01% methylisothiazolone
<b>Approx. Protein Concentrations</b>	3.0 mg/ml
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P02792</a> <a href="#">Related reagents</a></p> <p><a href="#">P02794</a> <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">2512</a> FTL <a href="#">Related reagents</a></p> <p><a href="#">2495</a> FTH1 <a href="#">Related reagents</a></p>
<b>Synonyms</b>	FTH, FTHL6

**Product Information** **Native human Ferritin** is a purified preparation of human ferritin from liver tissue. Ferritin is a globular protein composed of 24 identical subunits responsible for storing iron in an available

non-toxic form. Ferritin is found primarily in hepatic tissue. Serum levels of ferritin are used as an indicator for anaemia and restless leg syndrome. Ferrin levels are a direct correlate for the total amount of iron stored in the body

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**Purity** SDS PAGE: >95%

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**References**

1. Addison, J.M. *et al.* (1983) The amino acid sequence of human liver apoferritin. [FEBS Lett. 164 \(1\): 139-44.](#)
2. Na, Y. *et al.* (2019) Carbon nanotube facilitated interface formation for enhanced protein sensing in electrosynthesized molecular imprinting [ACS Applied Bio Materials. Aug 29 \[Epub ahead of print\].](#)

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**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 18 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation #10520 available at:  
10520: <https://www.bio-rad-antibodies.com/uploads/MSDS/10520.pdf>

Donor material tested and found negative for HIV-1/HCV/HBV by NAT, HBsAg, HCV Ab, HIV 1&2 Ab, and RPR by currently approved FDA methods.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.

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**Regulatory** For research purposes only

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**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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