

## 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 Sequence of Human Liver Apoferritin. [FEBS Letts 164: 139 - 144.](#)

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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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**Shelf Life** 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>

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**Regulatory** For research purposes only

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