

## Native Bovine Ferritin Protein, holo form

**Cat. No.** Ferritin-024B    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Iron containing protein. The preparation contains about 3000 g.atom iron/mol of protein. Ferritin can be applied as vehicle for selective delivery of drugs to tumor cells                                                                                                                                                                                     |
| <b>Species</b>          | Bovine                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Bovine Spleen                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | Ferritin is the intracellular iron storage protein that stores surplus iron after all the cellular needs are fulfilled and releases it in the face of an acute demand.                                                                                                                                                                                         |
| <b>Tag</b>              | Non                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 430-480 kDa                                                                                                                                                                                                                                                                                                                                                    |
| <b>Application</b>      | The protein can be applied in electron microscopy as electron dense marker in conjugation with various ligands.                                                                                                                                                                                                                                                |
| <b>E1%280 nm</b>        | 9 for apoferritin                                                                                                                                                                                                                                                                                                                                              |
| <b>References</b>       | <ol style="list-style-type: none"> <li>1. M. Uchida et al Targeting of Cancer Cells with Ferrimagnetic Ferritin Cage Nanoparticles JACS 2006, v128, N 51, pp 16626 - 16633.</li> <li>2. M. Truffi et al Ferritin nanocages: A biological platform for drug delivery, imaging and theranostics in cancer. Pharmacological Research (2016) 107 57–65.</li> </ol> |

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