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**Recombinant Human BVES / POPDC1 Protein (GST tag)****Cat.NO.: TP06973**

3th Edition

**Synonyms:**HBVES;POP1;POPDC1

**Description:**Ferritin, light polypeptide (FTL) is the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Storage of iron in the tissues occurs in the form of ferritin and hemosiderin. The latter originates from ferritin that has undergone intracellular digestion of its protein shell, leaving the iron core. Ferritin and hemosiderin are components of a continuum. Ferritin has been identified in all types of living organisms: animals, plants, molds, and bacteria. Within the protein shell of ferritin, iron is first oxidized to the ferric state for storage as ferric oxyhydroxide. Thus, ferritin removes excess iron from the cell sap where it could otherwise participate in peroxidation mechanisms.

**Form:**PBS**Molecular Weight:**30.8 kDa**Sequences:**Met 1-Asn36**Purity:**> 95% by HPLC**Concentration:****Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.