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Product Datasheet

Recombinant Human Ferritin, heavy chain Protein, HEK293 Lysate RAY-230-10152-100

Artikelname	Recombinant Human Ferritin, heavy chain Protein, HEK293 Lysate
Artikelnummer	RAY-230-10152-100
Hersteller Artikelnummer	230-10152-100
Alternativnummer	RAY-230-10152-100
Hersteller	RayBiotech
Kategorie	Proteine/Peptide
Spezies Reaktivität	Human
Produktbeschreibung	Recombinant human Ferritin, heavy chain overexpression cell lysate, derived from the transfected HEK293 cells. (100 µg). Purchase will also include one vial of normal control HEK293 cell lysate (Catalog 230-10006) transfected with empty expression v...
Konzentration	Determined by BCA protein assay kit (Thermo Scientific)
Molekulargewicht	Recombinant protein has a calculated molecular mass of 21. The actual molecular weight may increase slightly due to the potential post-modifications (PTMs).
Tag	His
NCBI	2495
Expression System	HEK293 cells

Reinheit	Unpurified cell lysate. HEK293 cells transfected with expression vectors harboring target gene were harvested and washed with PBS twice. The cell pastes were re-suspended with ice-cold PBS containing mammalian cell protease inhibitor cocktail and further lysed with freeze-thaw cycles. After clarifying with 20,000 g centrifugation at 4C for 30 min, the lysate was aliquoted, lyophilized, and stored at -80C immediately. Protein concentration was determined by BCA kit (Thermo Scientific, Inc.) using BSA as protein standard. The gene overexpression in lysate was confirmed by Western blotting using anti-His tag antibody and/or target-specific antibodies and the lysate derived from HEK293 cells transfected with the empty expression vector was used as a negative control.
Formulierung	Lyophilized powder
Sequenz	Thr2-Ser183
Formel	Lyophilized from a 0.2 μm filtered solution in PBS containing mammalian cell protease inhibitor cocktail
Anwendungsbeschreibung	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1.0 mg/mL with sterile deionized water or 1x PBS.