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Product Datasheet

Recombinant Human actin, α 1 Protein, HEK293 lysate RAY-230-10390-100

Artikelname	Recombinant Human actin, α 1 Protein, HEK293 lysate
Artikelnummer	RAY-230-10390-100
Hersteller Artikelnummer	230-10390-100
Alternativnummer	RAY-230-10390-100
Hersteller	RayBiotech
Kategorie	Proteine/Peptide
Spezies Reaktivität	Human
Produktbeschreibung	Recombinant human actin, α 1 protein, derived from the transfected human HEK293 cells. Purchase will also include one vial of normal control (Catalog . 230-10006), the cell lysate of HEK293 cells transfected with empty expression vector....
Konzentration	Determined by BCA protein assay
Molekulargewicht	Recombinant protein product has a calculated molecular mass of 45 kDa. The actual molecular weight may increase slightly due to the potential post-translational modifications (PTMs).
Tag	His
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	Asp3-Phe377
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.