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## Product Datasheet

### Recombinant Human Caspase-3 Protein, HEK293 lysate RAY-230-10391-100

Artikelname	Recombinant Human Caspase-3 Protein, HEK293 lysate
Artikelnummer	RAY-230-10391-100
Hersteller Artikelnummer	230-10391-100
Alternativnummer	RAY-230-10391-100
Hersteller	RayBiotech
Kategorie	Proteine/Peptide
Spezies Reaktivität	Human
Produktbeschreibung	Recombinant human Caspase-3 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 30 kDa. The actual molecular weight may increase slightly due to the potential post-translational modifications (PTMs).
Tag	His
Expression System	HEK293 cells

Reinheit	<p>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.</p>
Formulierung	Lyophilized powder
Sequenz	Ser29-His277
Formel	Lyophilized from a 0.2 µm filtered solution in PBS containing mammalian cell protease inhibitor cocktail
Anwendungsbeschreibung	<p>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.</p>