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Product Datasheet

Recombinant Human Procalcitonin Protein, HEK293 Lysate
RAY-230-10147-100

Article Name	Recombinant Human Procalcitonin Protein, HEK293 Lysate
Biozol Catalog Number	RAY-230-10147-100
Supplier Catalog Number	230-10147-100
Alternative Catalog Number	RAY-230-10147-100
Manufacturer	RayBiotech
Category	Proteine/Peptide
Species Reactivity	Human
Product Description	Recombinant human procalcitonin 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 vector....
Concentration	Determined by BCA protein assay kit (Thermo Scientific)
Molecular Weight	Recombinant protein has a calculated molecular mass of 15. The actual molecular weight may increase slightly due to the potential post-modifications (PTMs).
Tag	His
NCBI	796
Expression System	HEK293 cells

Purity	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.
Form	Lyophilized powder
Sequence	Ala26-Asn141
Formula	Lyophilized from a 0.2 μm filtered solution in PBS containing mammalian cell protease inhibitor cocktail
Application Notes	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.