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Product Datasheet

Recombinant Mouse Nanog Protein, HEK293 Lysate RAY-230-10276-100

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| Article Name | Recombinant Mouse Nanog Protein, HEK293 Lysate |
| Biozol Catalog Number | RAY-230-10276-100 |
| Supplier Catalog Number | 230-10276-100 |
| Alternative Catalog Number | RAY-230-10276-100 |
| Manufacturer | RayBiotech |
| Category | Proteine/Peptide |
| Species Reactivity | Mouse |
| Product Description | Recombinant mouse Homeobox protein NANOG 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 ... |
| Concentration | Determined by Pierce BCA protein assay kit |
| Molecular Weight | Recombinant protein has a calculated molecular mass of 34. The actual molecular weight may increase differently due to the potential post-modifications (PTMs). |
| Tag | His |
| Expression System | HEK293 cells |

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| Purity | <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> |
| Form | Lyophilized powder |
| Sequence | Ser2-Ile305 |
| 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 mg/mL with sterile deionized water. |