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Product Datasheet

Recombinant Human MPO Protein, HEK293 Lysate RAY-230-10159-100

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| Artikelname | Recombinant Human MPO Protein, HEK293 Lysate |
| Artikelnummer | RAY-230-10159-100 |
| Hersteller Artikelnummer | 230-10159-100 |
| Alternativnummer | RAY-230-10159-100 |
| Hersteller | RayBiotech |
| Kategorie | Proteine/Peptide |
| Spezies Reaktivität | Human |
| Produktbeschreibung | Recombinant human Myeloperoxidase/MPO 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 vec... |
| Konzentration | Determined by BCA protein assay kit (Thermo Scientific) |
| Molekulargewicht | Recombinant protein has a calculated molecular mass of 82. The actual molecular weight may increase slightly due to the potential post-modifications (PTMs). |
| Tag | His |
| NCBI | 4353 |
| Expression System | HEK293 cells |

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|------------------------|---|
| 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 | Ala49-Ser745 |
| 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. |