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## Product Datasheet

### Recombinant Human Gastricsin (Pepsinogen C) Protein, HEK293 Lysate RAY-230-10149-100

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|--------------------------|--|
| Artikelname              | Recombinant Human Gastricsin (Pepsinogen C) Protein, HEK293 Lysate   |
| Artikelnummer            | RAY-230-10149-100  |
| Hersteller Artikelnummer | 230-10149-100  |
| Alternativnummer         | RAY-230-10149-100  |
| Hersteller               | RayBiotech   |
| Kategorie                | Proteine/Peptide   |
| Spezies Reaktivität      | Human  |
| Produktbeschreibung      | Recombinant human Pepsinogen II/Pepsinogen C 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 express... |
| Konzentration            | Determined by BCA protein assay kit (Thermo Scientific)  |
| Molekulargewicht         | Recombinant protein has a calculated molecular mass of 41. The actual molecular weight may increase slightly due to the potential post-modifications (PTMs).   |
| Tag                      | His  |
| NCBI                     | <a href="#">5225</a>   |
| 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                | Ala17-Ala388  |
| 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.   |