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## Product Datasheet

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

|                            |  |
|----------------------------|--|
| Article Name               | Recombinant Human Gastricsin (Pepsinogen C) Protein, HEK293 Lysate   |
| Biozol Catalog Number      | RAY-230-10149-100  |
| Supplier Catalog Number    | 230-10149-100  |
| Alternative Catalog Number | RAY-230-10149-100  |
| Manufacturer               | RayBiotech   |
| Category                   | Proteine/Peptide   |
| Species Reactivity         | Human  |
| Product Description        | 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... |
| Concentration              | Determined by BCA protein assay kit (Thermo Scientific)  |
| Molecular Weight           | 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   |

|                   |   |
|-------------------|---|
| 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          | Ala17-Ala388  |
| 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.   |