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## Product Datasheet

### Recombinant Human Carcinoembryonic Antigen (CEA) Protein RAY-230-30015-100

|                            |   |
|----------------------------|---|
| Article Name               | Recombinant Human Carcinoembryonic Antigen (CEA) Protein  |
| Biozol Catalog Number      | RAY-230-30015-100   |
| Supplier Catalog Number    | 230-30015-100   |
| Alternative Catalog Number | RAY-230-30015-100   |
| Manufacturer               | RayBiotech  |
| Category                   | Proteine/Peptide  |
| Species Reactivity         | Human   |
| Product Description        | Recombinant Human CEA, derived from the transfected human HEK293 cells...   |
| Concentration              | Determined by BCA protein assay kit (Thermo Scientific)   |
| Molecular Weight           | The recombinant human CEA has a calculated molecular mass of 71 kDa. Due to the abundant glycosylation, it migrates as approximately 125-150 kDa protein bands (confirmed by Western blotting) in SDS-PAGE under DTT, beta-mercaptoethanol reducing conditions. |
| Tag                        | His   |
| Expression System          | HEK293 cells  |
| Purity                     | SDS-PAGE under reducing conditions and visualized by Coomassie blue staining  |
| Form                       | Lyophilized powder  |
| Sequence                   | Lys35-Ala685  |

|                   |  |
|-------------------|--|
| Formula           | Lyophilized from a 0.2 $\mu$ m filtered solution in PBS  |
| Application Notes | <p>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.</p> |