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## Product Datasheet

### Recombinant Human EGFR (ERBB1/HER1) Protein, Biotinylated RAY-230-30016B-50

|                            |                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Human EGFR (ERBB1/HER1) Protein, Biotinylated                                                                                                                                                                                                       |
| Biozol Catalog Number      | RAY-230-30016B-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | 230-30016B-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | RAY-230-30016B-50                                                                                                                                                                                                                                               |
| Manufacturer               | RayBiotech                                                                                                                                                                                                                                                      |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                                |
| Species Reactivity         | Human                                                                                                                                                                                                                                                           |
| Conjugation                | Biotin                                                                                                                                                                                                                                                          |
| Product Description        | Biotin-conjugated recombinant Human EGFR, N-terminal extracellular domain, derived from the transfected human HEK293 cells...                                                                                                                                   |
| Concentration              | Determined by BCA protein assay kit (Thermo Scientific)                                                                                                                                                                                                         |
| Molecular Weight           | The recombinant human EGFR extracellular domain has a calculated molecular mass of 71 kDa. Due to the abundant glycosylation, it migrates as approximately 100 kDa protein bands (confirmed by Western blotting) in SDS-PAGE under DTT, beta-mercaptoethanol re |
| Tag                        | His                                                                                                                                                                                                                                                             |
| NCBI                       | <a href="#">1956</a>                                                                                                                                                                                                                                            |
| Expression System          | HEK293 cells                                                                                                                                                                                                                                                    |
| Purity                     | SDS-PAGE under reducing conditions and visualized by Coomassie blue staining                                                                                                                                                                                    |

|                   |                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form              | Lyophilized powder                                                                                                                                                        |
| Sequence          | Leu25-Ser645                                                                                                                                                              |
| Formula           | Lyophilized from a 0.2 µm filtered solution in PBS                                                                                                                        |
| 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. |