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## Product Datasheet

### Recombinant SARS-CoV-2 Omicron Variant BA.4 Spike S1 RBD Protein RAY-230-30244-10

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Recombinant SARS-CoV-2 Omicron Variant BA.4 Spike S1 RBD Protein                                                                                                                                                                                              |
| Artikelnummer            | RAY-230-30244-10                                                                                                                                                                                                                                              |
| Hersteller Artikelnummer | 230-30244-10                                                                                                                                                                                                                                                  |
| Alternativnummer         | RAY-230-30244-10                                                                                                                                                                                                                                              |
| Hersteller               | RayBiotech                                                                                                                                                                                                                                                    |
| Kategorie                | Proteine/Peptide                                                                                                                                                                                                                                              |
| Spezies Reaktivität      | Virus                                                                                                                                                                                                                                                         |
| Produktbeschreibung      | Recombinant SARS-CoV-2 Omicron variant BA.4 spike S1 subunit receptor binding protein (RBD) with 17 mutant sites (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452R, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H) with C-terminal H... |
| Konzentration            | Lot specific (see the label on the vial), determined by BCA protein assay                                                                                                                                                                                     |
| Molekulargewicht         | Recombinant protein product has a calculated molecular mass of 25 kDa. Due to the abundant glycosylation, it migrates as approximately 30 kDa protein bands in SDS-PAGE under DTT, beta-mercaptoethanol reducing conditions.                                  |
| Tag                      | His                                                                                                                                                                                                                                                           |
| Expression System        | HEK293 cells                                                                                                                                                                                                                                                  |
| Reinheit                 | SDS-PAGE under reducing conditions and visualized by Coomassie blue staining                                                                                                                                                                                  |

|              |                                                                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Formulierung | Liquid                                                                                                                                                  |
| Sequenz      | Arg319-Phe541, 17 mutant sites (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452R, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H). |
| Formel       | Supplied as a 0.2 µm filtered solution in PBS (pH 7.4)                                                                                                  |