

## S

### Recombinant SARS-CoV-2 RBD (JN.1) Protein, C-His Tag

|                                 |   |                  |                  |
|---------------------------------|---|------------------|------------------|
| <b>Catalog No.</b>              | EVV00342A<br>EVV00342B  | <b>Quantity:</b> | 100 µg<br>1.0 mg |
| <b>Alternate Names:</b>         | Spike glycoprotein, S glycoprotein, E2, Peplomer protein, Spike protein S1, S, Receptor-Binding Domain, RBD, JN.1, SARS-CoV-2   |                  |                  |
| <b>Description:</b>             | Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2) Receptor Binding Domain (JN.1) protein expressed in a mammalian cell line.   |                  |                  |
| <b>UniProt ID:</b>              | P0DTC2  |                  |                  |
| <b>Species:</b>                 | SARS-CoV-2  |                  |                  |
| <b>Protein Construction:</b>    | Arg316-Lys533 (I332V, G339H, K356T, S371F, S373P, S375F, T376A, R403K, D405N, R408S, K417N, N440K, V445H, G446S, N450D, L452W, L455S, N460K, S477N, T478K, N481K, V482del, E484K, F486P, Q498R, N501Y, Y505H)                                       |                  |                  |
| <b>Source:</b>                  | Mammalian cell line   |                  |                  |
| <b>Formulation:</b>             | Lyophilized from a solution in PBS pH 7.4, 1mM EDTA, 4% Trehalose, 1% Mannitol.   |                  |                  |
| <b>Molecular Weight:</b>        | 27.86 kDa, predicted  |                  |                  |
| <b>Purity:</b>                  | > 90 % as determined by SDS-PAGE.   |                  |                  |
| <b>Applications:</b>            | SDS-PAGE, Western Blot, ELISA, Immunogen  |                  |                  |
| <b>Reconstitution:</b>          | <b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial.<br><b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution. |                  |                  |
| <b>Storage &amp; Stability:</b> | Stable for up to 1 year from date of receipt at -20°C to -80°C. After reconstitution, stable for 1 week at 2-8°C, or store working aliquots at -20°C to -80°C.<br><b>Avoid repeated freeze-thaw cycles.</b>   |                  |                  |

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