

# Recombinant COVID-19 Omicron RBD(G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493K, G496S, Q498R, N501Y, Y505H) protein, His-Avi-tagged, Biotinylated

**Cat. No.** Spike-688V    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Biotinylated Recombinant COVID-19 Omicron RBD(G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493K, G496S, Q498R, N501Y, Y505H) protein(QHD43416.1)(Arg 319 - Lys 537), fused to C-terminal His tag and Avi tag, was expressed in HEK293. |
| <b>Species</b>          | Sars-CoV-2                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Arg 319 - Lys 537                                                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.                                                                                                                                                                                         |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                       |
| <b>Storage</b>          | This product is stable after storage at:<br>-20°C to -70°C for 12 months in lyophilized state;<br>-70°C for 3 months under sterile conditions after reconstitution.                                                                                              |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                    |

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|             |        |
|-------------|--------|
| Conjugation | Biotin |
|-------------|--------|

## GENE INFORMATION

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| Gene Name | S surface glycoprotein [ Severe acute respiratory syndrome coronavirus 2 ] |
|-----------|----------------------------------------------------------------------------|

|                 |   |
|-----------------|---|
| Official Symbol | S |
|-----------------|---|

|          |                                                                                                     |
|----------|-----------------------------------------------------------------------------------------------------|
| Synonyms | Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1; COVID-19 |
|----------|-----------------------------------------------------------------------------------------------------|

|         |          |
|---------|----------|
| Gene ID | 43740568 |
|---------|----------|

|                |                |
|----------------|----------------|
| Protein Refseq | YP_009724390.1 |
|----------------|----------------|

|            |        |
|------------|--------|
| UniProt ID | P0DTC2 |
|------------|--------|

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