

# Recombinant COVID-19 Spike RBD protein(BA.2.11/Omicron), His-tagged

**Cat. No.** Spike-724V **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant COVID-19 Spike RBD protein(BA.2.11/Omicron)(Arg 319 - Lys 537)(Accession # QHD43416.1(G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452R, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H)), fused with His tag at the C-terminus, was expressed in HEK293. |
| <b>Species</b>          | Sars-CoV-2                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Arg 319 - Lys 537                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 26.7 kDa.                                                                                                                                                                                                                                              |
| <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.                                                                                                             |

## GENE INFORMATION

|                  |                                                                                            |
|------------------|--------------------------------------------------------------------------------------------|
| <b>Gene Name</b> | <a href="#">S surface glycoprotein [ Severe acute respiratory syndrome coronavirus 2 ]</a> |
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|------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">Spike</a>                                                                                       |
| <b>Synonyms</b>        | Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1; COVID-19 Omicron |
| <b>Gene ID</b>         | <a href="#">43740568</a>                                                                                    |
| <b>Protein Refseq</b>  | <a href="#">YP_009724390.1</a>                                                                              |
| <b>UniProt ID</b>      | <a href="#">P0DTC2</a>                                                                                      |

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