

# Recombinant COVID-19 Spike protein(XBF/Omicron), His-tagged

**Cat. No.** Spike-4746V    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant COVID-19 protein(XBF/Omicron)(Val 16 - Pro 1213), fused with His tag, was expressed in HEK293.                                                                                                                                                                         |
| <b>Species</b>          | Sars-CoV-2                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Val 16 - Pro 1213                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 138.0 kDa.                                                                                                                                                                            |
| <b>Storage</b>          | For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -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> | S surface glycoprotein [ Severe acute respiratory syndrome coronavirus 2 ] |
|------------------|----------------------------------------------------------------------------|

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|                 |                                                                                                             |
|-----------------|-------------------------------------------------------------------------------------------------------------|
| Official Symbol | <a href="#">Spike</a>                                                                                       |
| Synonyms        | Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1; COVID-19 Omicron |
| Gene ID         | <a href="#">43740568</a>                                                                                    |
| Protein Refseq  | <a href="#">YP_009724390.1</a>                                                                              |
| UniProt ID      | <a href="#">P0DTC2</a>                                                                                      |

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