

# Recombinant BCoV(strain F15) Spike protein(314-634aa), His-tagged

**Cat. No.** Spike-3918B    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant BCoV(strain F15) Spike protein(P25190)(314-634aa), fused with C-terminal His tag, was expressed in Yeast.                                                                                                                                                                                              |
| <b>Species</b>          | BtCoV                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 314-634aa                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 36.6 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

TVQPIADVYRRIPNLPDCNIEAWLNDKSVPSPLNWERKTFSNCNFMSSLMSFIQAD  
SFTCNNIDAAKIYGMCSSITIDKFAIPNGRKVDLQLGNLGYLQSFNYRIDTTATSCQL  
YYNLPAANVSLSRFNPSIWNRRFGFTEQSVFKPQPVG VFTDHDVVYAQHCFKAPT  
NFCPCCKLDGSLCVGNPGIDAGYKNSGIGTCPAGTNYLTCHNAAQCNCCLCTPDPITSK  
STGPYKCPQTKYLVGIGEHCGLAIKSDYCGGNPCTCQPQAFLGWSVDSCLQGDR  
CNIFANFILHDVNSGTTCTDLQKSNTDIILGVCVNY

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