

## Recombinant HCoV-HKU1(isolate N1) N Protein(1-441aa), His&Myc-tagged

**Cat. No.** N-1811V    **Lot. No.** (See product label)

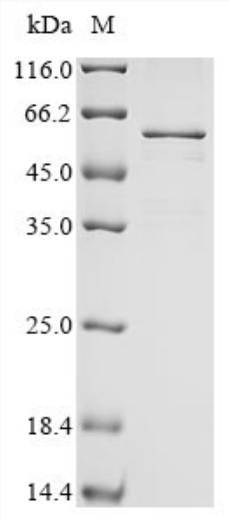
### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant HCoV-HKU1(isolate N1) N Protein(1-441aa)(Q5MQC6), fused with N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cells.                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | HCoV-HKU1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-441aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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>   | 53kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | <p>MSYTPGHYAGSRSSSGNRSGILKKTSWADQSERNYQTFNRGRKTQPKFTVSTQPPQ</p> <p>GNTIPHYSWFSGITQFQKGRDFKFSDGQGVPIAFGVPPSEAKGYWYRHSRRSFKTA</p> <p>DGQQKQLLPRWYFYLLGTGPYANASYGESLEGVFWVANHQADTSTPSDVSSRDPT</p> <p>TQEAIPTFRPPGTILPQGYYYVEGSGRSASNSRPGSRSQSRGPNNRSLSRSNSNFRH</p> <p>SDSIVKPDMADEIANLVLA KL GKDSKPQ QVTKQNAKEIRHKILTKPRQKRTPNKH CNV</p> <p>QQCFGKRGPSQNF GNAEMLKLGTNDPQFPILAELAPTPGAFFFFGSKLDLVKRDSEA</p> <p>DSPVKDVFELHYSGSIRFDSTLPGFETIMKVLEENLNAYVNSNQNTDSDSLSSKPQR</p> <p>KRGVKQLPEQFDSLNL SAGTQHISNDFTPEDHSLLATLDDPYVEDSVA</p> |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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> | 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. |
| <b>SDS-PAGE</b>       |                                                                                            |