

## Recombinant SARS-COV-2 3CLpro protein

**Cat. No.** 3CLpro-1481S    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant SARS-COV-2 3CLpro protein(YP_009725301.1)(Ser1-Gln306(L50F)) was expressed in E.coli.                                                                                       |
| <b>Species</b>          | SARS-COV-2                                                                                                                                                                              |
| <b>ProteinLength</b>    | Ser1-Gln306(L50F)                                                                                                                                                                       |
| <b>Tag</b>              | N/A                                                                                                                                                                                     |
| <b>Form</b>             | Supplied as 0.22µm filtered solution in 25mM HEPES, 2.5mM DTT, 10% Glycerol (pH 7.5).                                                                                                   |
| <b>Bio-activity</b>     |                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 33.8kDa same as Tris-Bis PAGE result.                                                                                                                 |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                                 |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.                                                                                                                      |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                |

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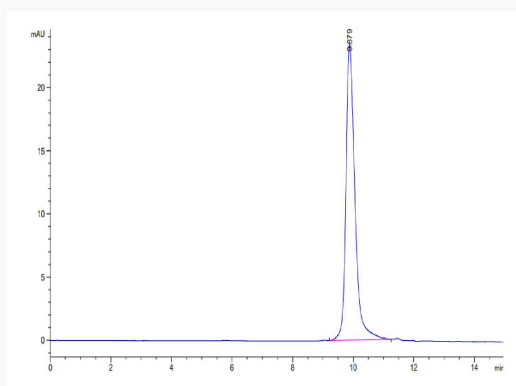
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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

### Tris-Bis PAGE



### SEC-HPLC



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