

## Recombinant SARS-COV-2 3CLpro protein

Cat. No. 3CLpro-1479S    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant SARS-COV-2 3CLpro protein(YP_009725301.1)(Ser1-Gln306(L167F)) was expressed in E.coli.                                                                                      |
| <b>Species</b>          | SARS-COV-2                                                                                                                                                                              |
| <b>ProteinLength</b>    | Ser1-Gln306(L167F)                                                                                                                                                                      |
| <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 34.5kDa 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                                                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA