

## COVID 19 NSP12 Coronavirus Recombinant Protein | COVID-19 recombinant protein

Recombinant SARS-CoV-2 (2019-nCoV) NSP12

|                              |                       |                                  |
|------------------------------|-----------------------|----------------------------------|
| CATALOG #<br><b>AAA11057</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Immunogen</b> |
|------------------------------|-----------------------|----------------------------------|

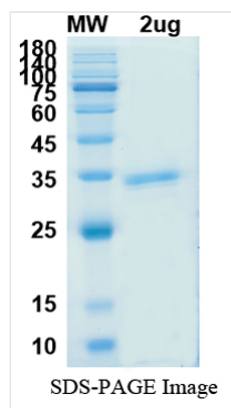
### PRODUCT SYNONYMS

COVID 19 NSP12 Coronavirus; Recombinant SARS-CoV-2 (2019-nCoV) NSP12; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; NSP12; RNA-directed RNA polymerase; RdRp; RdRp catalytic domain; nsp12; COVID-19 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                          |                                                                                                                                     |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                     | E Coli                                                                                                                              |
| Purity/Purification                                      | >90% as determined by SDS-PAGE                                                                                                      |
| Form/Format                                              | Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.                                          |
| Sequence Positions                                       | 7096                                                                                                                                |
| Sequence Length                                          | 7096                                                                                                                                |
| Applicable Applications for COVID-19 recombinant protein | Immunogen                                                                                                                           |
| Species                                                  | Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)                                                                        |
| Reconstitution                                           | Reconstitute in sterile water for a stock solution.                                                                                 |
| Preparation and Storage                                  | Store at -20°C to -80°C for twelve months from date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles. |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                              |                                                                                                                                                |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for COVID-19 recombinant protein | Recombinant SARS-CoV-2 NSP12 is produced by E.coli expression system and the target gene encoding Asp4891-Val5212 is expressed with C-His Tag. |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                         |                                    |
|-------------------------|------------------------------------|
| NCBI GI #               | 1791269089                         |
| Molecular Weight        | Predicted Molecular Mass: 39.42kDa |
| NCBI Official Full Name | orf1ab polyprotein                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/covid-19-nsp12-coronavirus-recombinant-protein-e-coli-immunogen/11057>