

## Product Datasheet

### SARS-CoV-2 (COVID-19) NSP15 Recombinant Protein (orb1231063)

## Description

SARS-CoV-2 (COVID-19) NSP15 Recombinant Protein

### Target

ORF1ab

### Preservatives

50 mM Tris-HCl pH 7.5, 270 mM Sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.03 % Brij-35

### Form/Appearance

Liquid

### Concentration

batch dependent

### Storage

Store at -70 °C. Avoid repeated freeze-thaw cycles.

### Tag

N-Term GST Uncleaved

### Note

For research use only

### Protein Sequence

Native

Sequence: MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFE  
LGLFNPYPYIDGDVKLTQSMIIRYIADKHNLGGCPKERAISMLEGAVLDIRY  
GVSRIAYSKDFETLKVDFLSKLPKMFEDRLCHKTYLNGDHVTHPDFMLYDAL  
DVVLYMDPMCLDAFPLKLVCFKKRIEAIPOIDKYLKSSKYIAWPLQGWQATFGGGD  
HPPKSDLEVLFGPLGSSLENVAFNVVNKGHFDGQGEVPSIINNTVYTKVDG  
VDVELFENKTTLPVNFAFELWAKRNIKPVEVKILNNLGVDIAANTVIWDYKRDA  
PAHISTIGVCSMTDIAKKPTETICAPLTVFFDGRVDGQVDLFRNARNGVLITEGSV  
KGLQPSVGPKQASLNGVTLIGEAVKTQFNYYKKVDGVVQQLPETYFTQSRNLQE  
FKPRSQMEIDFLELAMDEFIERYKLEGYAFEHIVYGDFSHSQLGGLHLLIGLAKRF  
KESPFLEDFIPMDSTVKNYFITDAQTGSSKCVCSVIDLLDDFVEIISQDLSVVS  
KVVKVITIDYTEISFMLWCKDGHVETFPKLQ  
Amino acids S1 – Q346  
(end). Residue S232 of the fusion protein is equivalent to S1 of the  
native enzyme. The GST tag is located at residues 1 – 220. Protease  
Cleavage: PreScission (LEVLFQGP) residues 221 – 228

### Purity

GSH-Agarose (0.9)

### Source

bacteria

### MW

Mono-Isotopic Mass: 65, 595.53 daltons Average Mass: 65, 637.56 daltons

### Uniprot ID

[P0DTC1](#)

### NCBI

[QHD43415.1](#)

### Expiration Date

6 months from date of receipt.

