

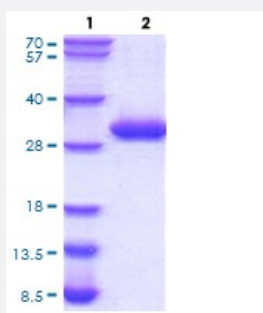
Bioactive

# S (SARS-CoV-2) Recombinant Protein

Catalog # P8080

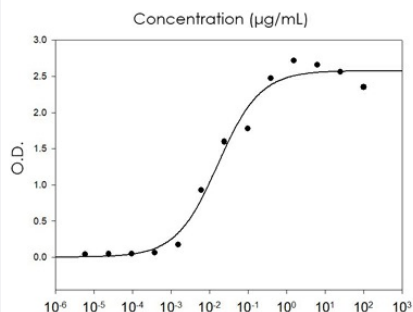
Size 100 ug

## Applications



## Result of bioactivity analysis

Result of bioactivity analysis



## Specification

### Product Description

SARS-CoV-2 S (P0DTC2, 319 a.a. - 541 a.a.) partial length recombinant protein His tag expressed in Baculovirus expression system.

### Sequence

RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRRKRISNCVADYSVLVNSASFSTFKCYGVSP  
TKLNDLCFTNVYADSFVIRGDEVQRQIAPGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYN  
YLYRLFRRKSNLKPFRDISTEIQAGSTPCNGVEGFNCYFPLQSYGFQPTNGVGYPYRVVLSFE  
LLHAPATVCGPKKSTNLVKNKCVNF

### Host

Viruses

### Theoretical MW (kDa)

26.2

<b>Form</b>	Liquid
<b>Preparation Method</b>	Baculovirus expression system
<b>Purity</b>	> 95% by SDS-PAGE
<b>Endotoxin Level</b>	< 1 EU per 1 ug of protein (determined by LAL method)
<b>Activity</b>	Measured by the binding ability in a functional ELISA with Human ACE-2.
<b>Quality Control Testing</b>	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
<b>Storage Buffer</b>	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
<b>Storage Instruction</b>	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Result of bioactivity analysis Result of bioactivity analysis

## Applications

- Functional Study
- SDS-PAGE