

Bioactive

SARS-CoV-2

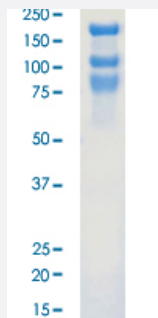
HuPro®

# S (SARS-CoV-2) ECD Recombinant Protein

Catalog # P6633

Size 100 ug

## Applications



This protein was determined by SDS-PAGE with Coomassie Blue, showing bands around 80, 110, 180 kDa.

## Result of bioactivity analysis

Result of bioactivity analysis

## Specification

<b>Product Description</b>	SARS-CoV-2 S ECD (YP_009724390.1, 11 a.a. - 1208 a.a.) recombinant protein with His tag at C-terminal expressed in HEK293 cells.
<b>Host</b>	Human
<b>Theoretical MW (kDa)</b>	133.8
<b>Form</b>	Liquid
<b>Preparation Method</b>	Mammalian cell (HEK293) expression system
<b>Purification</b>	Affinity purification
<b>Purity</b>	> 97% by SDS-PAGE.

<b>Endotoxin Level</b>	< 0.1 EU/ug of the protein by LAL method.
<b>Activity</b>	Measured by the binding ability in a functional ELISA. Immobilized S (SARS-CoV-2) ECD Recombinant Protein at 2 ug/mL (100 uL/well) can bind recombinant human ACE2 with a linear range of 1.5-36.9 ng/mL.
<b>Quality Control Testing</b>	SDS-PAGE Stained with Coomassie Blue This protein was determined by SDS-PAGE with Coomassie Blue, showing bands around 80, 110, 180 kDa.
<b>Storage Buffer</b>	In PBS, pH 7.4.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Result of bioactivity analysis Result of bioactivity analysis

## Applications

- SDS-PAGE