

SARS-CoV-2

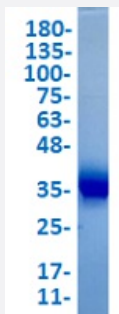
HuPro®

# S (SARS-CoV-2 Alpha Variant) RBD Recombinant Protein

Catalog # P6702

Size 50 ug

## Applications



## Specification

### Product Description

SARS-CoV-2 Alpha Variant S RBD (GISAID No. EPI\_ISL\_601443, 319 a.a. - 541 a.a.) N501Y mutant recombinant protein with 6xHis tag at C-terminus expressed in HEK293 cells.

### Sequence

RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRRKRISNCVADYSVLVNSASFSTFKCYGVSP  
TKLNDLCFTNLYADSFVIRGDEVRIAPGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGNNYN  
LYRLFRKSNLKPFRDISTEIYQAGSTPCNGVEGFNCYFPLQSYGFQPTYGVGYQPYRVVLSFE  
LLHAPATVCGPKKSTNLVKNKCVNF

### Host

Human

### Form

Liquid

### Preparation Method

Mammalian cell (HEK293) expression system

### Purification

Affinity purification with Nickel Columns

### Purity

>= 95% by SDS-PAGE.

### Endotoxin Level

< 0.1 EU per 1 ug of the protein by LAL test.

### Quality Control Testing

SDS-PAGE

<b>Recommend Usage</b>	ELISA SDS-PAGE Western Blot The optimal working dilution should be determined by the end user.
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<b>Storage Buffer</b>	In PBS.
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<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
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## Applications

- Western Blot (Recombinant protein)
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE