

## Datasheet

### S (SARS-CoV-2 Variant P.1) RBD Recombinant Protein

**Catalog Number:** P6704

**Regulation Status:** For research use only (RUO)

**Product Description:** SARS-CoV-2 Variant P.1 S RBD  
(GISAID No. EPI\_ISL\_833172, 319 a.a. - 541 a.a.)  
K417T, E484K, N501Y mutant recombinant protein with  
6xHis tag at C-terminus expressed in HEK293 cells.

**Sequence:**

```
RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRK  
RISNCVADYSVLYNSASFSTFKCYGVSPTKLNLDLFTN  
VYADSFVIRGDEVQRQIAPGQTGTIADYNYKLPDDFTGC  
VIAWNSNNLDSKVGGNYNYLYRLLFRKSNLKPFRDIST  
EIQAGSTPCNGVKGFNCYFPLQSYGFQPTYGVGYQ  
PYRVVLSFELLHAPATVCGPKKSTNLVKNKCVNF
```

**Host:** Human

**Applications:** ELISA, SDS-PAGE, WB-Re  
(See our web site product page for detailed applications  
information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Form:** Liquid

**Preparation Method:** Mammalian cell (HEK293)  
expression system

**Purification:** Affinity purification with Nickel Columns

**Purity:**  $\geq$  95% by SDS-PAGE.

**Endotoxin Level:**  $<$  0.1 EU per 1  $\mu$ g of the protein by  
LAL test.

**Recommend Usage:** ELISA  
SDS-PAGE  
Western Blot  
The optimal working dilution should be determined by  
the end user.

**Storage Buffer:** In PBS.

**Storage Instruction:** Store at 4°C. For long term  
storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.