

## Data sheet

**V1.0**

**Product name:** Novel coronavirus antigen (COVID-19, 2019-nCoV, SARS-CoV-2)

**Catalog No.:**

Protein name	Catalog number
Spike Protein (S-protein)	nCoV-P001, nCoV-P002
Nucleocapsid Protein (N-protein)	nCoV-P003, nCoV-P004
Angiotensin-Converting Enzyme 2 (ACE2)	nCoV-P005, nCoV-P006

**Applications:** No limitation.

**Material usage:** positive control, negative control, inducing, coating, conjugation or any application that is considered possible.

**Expression host:** HEK293T cell line.

**Purification method:** affinity purification.

**Solution buffer:** 0.02M PBS, 150mM NaCl, pH=7.4.

**Concentration:** 1mg/mL (Tested through UV).

**Storage:** 2 – 8°C for up to 2 weeks. -20°C or even lower temperature for long term preservation. Avoid repeated freeze thaw cycles.

**Stability:** By testing in our lab, the protein does not show significant loss of bioactivity after -18°C storage for 36 months, or repeat freeze-thaw for 5 cycles.

**Purity:** ≥85% (Tested by SDS-PAGE with Coomassie blue staining).

**Biosafety:** This product is purified reconstructed protein with its original bioactivity. It has been filtered through 0.22µm filter membrane and does not contain any pathogenic bacteria or virus.

**Important notice:** This product is for research use only. Please operate it under research lab protocol.