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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SARS-CoV-2 (COVID-19) Spike (ECD) Protein, His tag (active)

Cat No. GTX02774-pro

Application	Functional Assay
Species	SARS Coronavirus 2

Package
100 µg

APPLICATION

Application Note

Functional assay: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2 (COVID-19) Spike Protein at 2µg/ml (100 µl/well) can bind recombinant human ACE2 protein with a linear range of 0.15-3.72 ng/mL.

Observed MW 180 kDa.

PROPERTIES

Form Liquid

Buffer PBS pH 7.4

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Concentration Batch dependent (Please refer to the vial label for the specific concentration.)

Region/Sequence C-terminal 6 x His tagged ; Val11-Gln1208 (S1 + S2 extracellular domain) of SARS-COV-2 spike protein (Accession #YP_009724390.1).

Expression System HEK293 cells

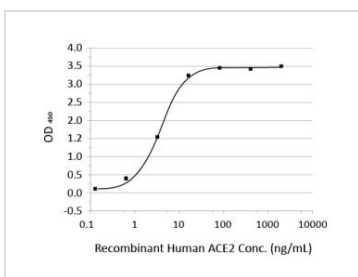
Purity > 95% by SDS-PAGE

Endotoxin < 0.1 EU /µg determined by LAL method

Conjugation Unconjugated

Note For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

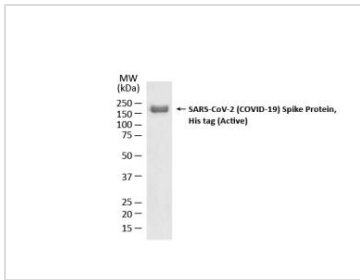
DATA IMAGES

**GTX02774-pro Functional Assay Image**

Functional ELISA analysis of immobilized GTX02774-pro SARS-CoV-2 (COVID-19) Spike (ECD) Protein, His tag (active) at 2µg/mL (100 µl/well) can bind recombinant human ACE2 protein with a linear range of 0.15-3.72 ng/mL.



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**GTX02774-pro Image**

SDS-PAGE analysis of GTX02774-pro SARS-CoV-2 (COVID-19) Spike (ECD) Protein, His tag (active).



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