

Bioactive

SARS-CoV-2

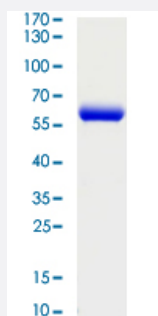
HuPro®

S (SARS-CoV-2) RBD Recombinant Protein

Catalog # P6642

Size 100 ug

Applications



This protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60 kDa.

Result of bioactivity analysis

Result of bioactivity analysis

Specification

| | |
|----------------------|--|
| Product Description | SARS-CoV-2 S RBD (YP_009724390.1, 319 a.a. - 541 a.a.) recombinant protein with mFc tag at C-terminal expressed in HEK293 cells. |
| Host | Human |
| Theoretical MW (kDa) | 50.8 |
| Form | Liquid |
| Preparation Method | Mammalian cell (HEK293) expression system |
| Purification | Affinity purification |
| Purity | > 95% by SDS-PAGE. |

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|--------------------------------|---|
| Endotoxin Level | < 1.0 EU/ug of the protein by LAL method. |
| Activity | Measured by the binding ability in a functional ELISA. Immobilized Recombinant human ACE2 at 2 u g/mL (100 uL/well) can bind S (SARS-CoV-2) RBD Recombinant Protein, the EC ₅₀ of S (SARS-Co V-2) RBD Recombinant Protein is 2.58 ng/mL. |
| Quality Control Testing | SDS-PAGE Stained with Coomassie Blue This protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60 kDa. |
| Storage Buffer | In PBS, pH 7.4. |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| Note | Result of bioactivity analysis Result of bioactivity analysis |

Applications

- SDS-PAGE