

Bioactive

SARS-CoV-2

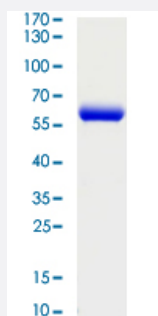
HuPro®

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.

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