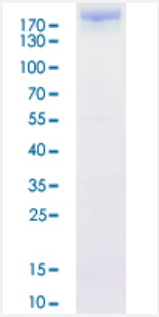
Bioactive SARS-CoV-2 HuPro®

S (R682G/R683S/R685S/K986P/V987P) (SARS-CoV-2) ECD Recombinant Protein

Catalog # P6634 Size 100 ug

Applications



This protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 170-220 kDa.

Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description	SARS-CoV-2 S ECD (QHD43416.1, 15 a.a. - 1208 a.a.) R682G/R683S/R685S/K986P/V987P mutant partial recombinant protein with His tag at C-terminal expressed in HEK293 cells.
Host	Human
Theoretical MW (kDa)	132.9
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity purification

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Purity	> 97% 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 S (SARS-CoV-2) ECD Recombinant Protein at 2 ug/mL (100 uL/well) can bind recombinant human ACE2 with a linear range of 1.5-35.1 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 170-220 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

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