

SARS-CoV-2

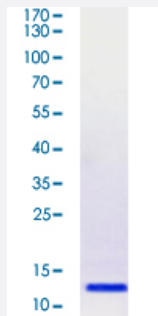
Bioactive

E (SARS-CoV-2) Recombinant Protein

Catalog # P6637

Size 100 ug

Applications



This protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 12 kDa.

Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description	SARS-CoV-2 E (QHD43418.1, 1 a.a. - 75 a.a.) recombinant protein with an initial Met, His-Avi tag at N-terminal expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	11.4
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Affinity purification
Purity	> 95% by SDS-PAGE.

Endotoxin Level	< 0.1 EU/ug of the protein by LAL method.
Activity	Measured by the binding ability in a functional ELISA. Immobilized E (SARS-CoV-2) Recombinant Protein at 2 ug/mL (100 uL/well) can bind Recombinant 2019-nCoV Nucleocapsid with a linear range of 1.2-41.1 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 12 kDa.
Storage Buffer	In 20 mM Tris, 250 mM NaCl, pH 8.0 (0.5% TritonX-100).
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