



2019-nCoV S-ECD protein

Catalog: NCP0030P

Host: 2019-nCoV

Reactivity: Research and Diagnosis

BackGround:

The product can be stored at -20°C or below. Avoid repeated freezing and thawing cycles.

Specificity:

The shelf life of the product is unspecified.

DATA:

The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell. Known receptors bind S1 are ACE2, angiotensin-converting enzyme 2; DPP4, dipeptidyl peptidase-4; APN, aminopeptidase N; CEACAM, carcinoembryonic antigen-related cell adhesion molecule 1; Sia, sialic acid; O-ac Sia, O-acetylated sialic acid. The spike is essential for both host specificity and viral infectivity. The term 'peplomer' is typically used to refer to a grouping of heterologous proteins on the virus surface that function together. The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process.

Product:

1.26 mg/ml, determined by BCA protein assay

Purification&Purity:

The purity is > 90% (by SDS-PAGE).

Synonym:

S protein RBD, Spike glycoprotein Receptor-binding domain, S glycoprotein RBD, Spike protein RBD

Storage&Stability:

Note:
Research and Diagnosis

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