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Datasheet for ABIN7013036

Coronavirus Spike Glycoprotein Protein (CoV S) (AA 16-1115) (His tag)

Overview

Quantity:	50 µg
Target:	Coronavirus Spike Glycoprotein (CoV S)
Protein Characteristics:	AA 16-1115
Origin:	Human Coronavirus 229E (HCoV-229E)
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Coronavirus Spike Glycoprotein protein is labelled with His tag.

Product Details

Purpose:	HCoV-229E Spike protein, His Tag
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	Coronavirus Spike Glycoprotein (CoV S)
Alternative Name:	Spike protein (CoV S Products)
Target Type:	Viral Protein
Background:	Human coronavirus 229E (HCoV-229E) is one of seven known coronaviruses to infect humans. Likely originated from bats, it is an enveloped, positive-sense, single-stranded RNA virus which enters its host cell by binding to the APN receptor. Along with Human coronavirus OC43 (a member of the Betacoronavirus genus), it is one of the viruses responsible for the common

Target Details

cold. The spike protein of HCoV-229E is a trimer with subunits S1 and S2 responsible for host receptor binding and fusion of the viral and host cell membranes, respectively.

Molecular Weight: 125.7 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS

Storage: -20 °C