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Datasheet for ABIN7013038

## Coronavirus Spike Glycoprotein Protein (CoV S) (AA 13-1276) (His tag)

### Overview

Quantity:	50 µg
Target:	Coronavirus Spike Glycoprotein (CoV S)
Protein Characteristics:	AA 13-1276
Origin:	Human Coronavirus HKU1 (HCoV-HKU1)
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Coronavirus Spike Glycoprotein protein is labelled with His tag.

### Product Details

Purpose:	HCoV-HKU1 (isolate N5) Spike Trimer, His Tag (MALS verified)
Purity:	>95 % as determined by reduced 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 ( <a href="#">CoV S Products</a> )
Target Type:	Viral Protein
Background:	Human coronavirus HKU1 (HCoV-HKU1) is one of seven known coronaviruses to infect humans. The virus is an enveloped, positive-sense, single-stranded RNA virus which enters its host cell by binding to the N-acetyl-9-O-acetylneuraminic acid receptor. It causes an upper respiratory disease with symptoms of the common cold, but can advance to pneumonia and

## Target Details

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bronchiolitis. The spike protein of HCoV-HKU1 is a trimer that contains two main subunits: the S1 subunit is responsible for receptor binding, while the S2 subunit mediates membrane fusion.

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Molecular Weight: 145.5 kDa

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: PBS

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Storage: -20 °C