

Datasheet for ABIN7271647

SARS-CoV Spike Protein (R667A, Trimer) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SARS-CoV Spike (SARS-CoV S)
Protein Characteristics:	R667A, Trimer
Origin:	SARS Coronavirus GD01
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SARS-CoV Spike protein is labelled with His tag.

Product Details

Purpose:	SARS-CoV GD01 Spike Trimer (R667A, KV968-969PP), His Tag (MALS verified)
Sequence:	Ser 14 - Pro 1195
Characteristics:	SARS-CoV GD01 Spike Trimer, His Tag (SPN-S52Ht) is expressed from human 293 cells (HEK293). It contains AA Ser 14 - Pro 1195 (Accession # AAP51227.1 (R667A, KV968-969PP).
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.
Grade:	MALS verified

Target Details

Target:	SARS-CoV Spike (SARS-CoV S)
Alternative Name:	SARS-CoV Spike (SARS-CoV S Products)

Target Details

Background:	Synonyms:Spike,S protein,Spike glycoprotein,S glycoprotein,Description:It's been reported that SARS-CoV-2 can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion.The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.
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Molecular Weight:	136.5 kDa
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Application Details

Application Notes:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 136.5 kDa. The protein migrates as kDa under reducing (R) condition due to glycosylation.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	PBS
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Storage:	-20 °C
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Storage Comment:	-20°C
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