

Datasheet for ABIN7271646

SARS-CoV Spike Protein (R648A, Trimer) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SARS-CoV Spike (SARS-CoV S)
Protein Characteristics:	R648A, Trimer
Origin:	SARS Coronavirus (SARS-CoV)
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SARS-CoV Spike protein is labelled with His tag.

Product Details

Purpose:	BtRf-BetaCoV/JL2012 Spike Trimer (R648A, KV949-950PP), His Tag
Sequence:	Tyr 16 - Pro 1176
Characteristics:	BtRf-BetaCoV/JL2012 Spike Trimer, His Tag (SPN-S52Hs) is expressed from human 293 cells (HEK293). It contains AA Tyr 16 - Pro 1176 (Accession # A0A0U1UYX4-1 (R648A, KV949-950PP)).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

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.
Molecular Weight:	133.3 kDa

Application Details

Application Notes:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 133.3 kDa. The protein migrates as kDa under reducing (R) condition due to glycosylation.
Restrictions:	For Research Use only

Handling

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