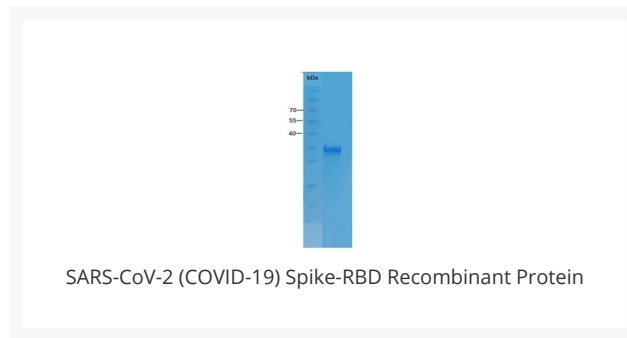




SARS-CoV-2 (COVID-19) Spike-RBD Recombinant Protein

Cat. No.: 10-008



Ψ Specifications

SPECIES:	SARS-CoV-2 (COVID-19, 2019-nCoV) Spike Protein
SOURCE SPECIES:	Sf21 cells
SEQUENCE:	319-541 aa
FUSION TAG:	His Tag
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	SDS-PAGE
PREDICTED MOLECULAR WEIGHT:	30 kD

Ψ Properties

PURITY:	>90% as determined by reducing SDS-PAGE.
PHYSICAL STATE:	Liquid
BUFFER:	PBS, pH 7.2
CONCENTRATION:	batch dependent

STORAGE CONDITIONS:

Store in working aliquots at -20 °C. Avoid freeze/thaw cycles.

Ψ Additional Info

OFFICIAL SYMBOL:	S
ALTERNATE NAMES:	S protein RBD, Spike glycoprotein Receptor-binding domain, S glycoprotein RBD, Spike protein RBD
ACCESSION NO.:	QHD43416.1
GENE ID:	43740568

Ψ Background and References

BACKGROUND:	SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as 2019-nCoV (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. SARS CoV-2 spike protein is composed of S1 domain and S2 domain. S1 contains a receptor-binding domain (RBD) that can specifically bind to angiotensin-converting enzyme 2 (ACE2), the receptor on the target cells. SARS-CoV-2 spike protein (RBD) has the potential value for the diagnosis of the virus.
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