



# Recombinant SARS-CoV-2 (COVID-19) Spike RBD (BA.1.1) [His] (DAG-WT815)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mutations G339D, R346K, S371L, S373P, S375F, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	Immunoassays
<b>Molecular Weight</b>	34 kDa
<b>Format</b>	Lyophilized
<b>Size</b>	100 µg
<b>Buffer</b>	Lyophilized from PBS, pH 7.4, trehalose
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C to -80°C

## BACKGROUND

<b>Introduction</b>	SARS-CoV-2 is the virus responsible for COVID-19. It was previously known as 2019 Novel coronavirus (2019-nCoV), is a positive-sense single-stranded RNA virus. SARS-CoV-2 has close genetic similarity to bat coronaviruses, from which it likely originated. An intermediate animal reservoir such as a pangolin is also thought to be involved in its introduction to humans. From a taxonomic perspective, SARS-CoV-2 is classified as a strain of the species severe acute respiratory syndrome-related coronavirus (SARS-CoV).
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**Keywords**

SARS-CoV-2; Coronavirus; Omicron; SARS-CoV-2 spike protein

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