



Recombinant SARS-CoV-2 (COVID-19) Spike Trimer (BA.1.1) [His] (DAG-WT818)

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

PRODUCT INFORMATION

Product Overview	Mutations A67V, del69-70, T95I, G142D, del143-145, N211I, del212, G339D, R346K, S371L, S373P, S375F, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H, T547K, D614G, H655Y, N679K, P681H, N764K, D796Y, F817P, N856K, A892P, A899P, A942P, Q954H, N969K, L981F, K986P, V987P and furin cleavage site mutants
Purity	> 95 % as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	136 kDa
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from PBS, pH 7.4, trehalose
Preservative	None
Storage	Store at -20°C to -80°C

BACKGROUND

Introduction	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.
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From a taxonomic perspective, SARS-CoV-2 is classified as a strain of the species severe acute respiratory syndrome-related coronavirus (SARSr-CoV).

Keywords

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