

## COV2 Spike protein S1 B.1.1.529 (Omicron) protein (His-Tag) {Biotin} (STJP000272)

### GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293

### PRODUCT PROPERTIES

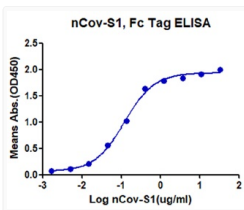
Formulation	Lyophilised from 0.2 $\mu$ m filtered PBS solution pH7.4.
Molecular Weight	Recombinant COV2 spike S1 subunit B.1.1.529 encodes the COV2 spike glycoprotein S1 sequence. This molecule has a calculated mass of approximately 76kDa. Recombinant S1 migrates due to glycosylation as an approximately 120 kDa protein under reducing c
Storage Instruction	The lyophilized protein is stable for at least 1 year from date of receipt at -20°C. NA

### TARGET INFORMATION

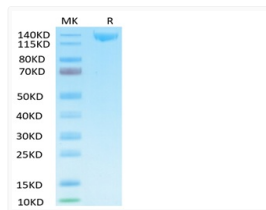
Immunogen Region	ECD
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### ADDITIONAL INFORMATION

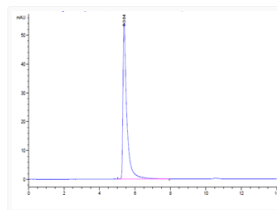
Note STRICTLY FOR FURTHER RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



COV2 S1 (coating at 0.1  $\mu$ g-well) binding with Human ACE2-Fc. The linear range was found to be 100 ng/ml



1  $\mu$ g loaded Tris-Bis PAGE under reducing condition. The purity is greater than 95%.



The purity of 2019-nCoV Spike B. 1. 1. 529 omicron is greater than 95% as determined by SEC-HPLC.