

# 2019 nCOV Spike S Protein

HA210056



<b>Product name:</b>	2019 nCOV Spike S
<b>Catalog No.:</b>	HA210056
<b>Purity:</b>	> 95% as determined by Bis-Tris PAGE.> 95% as determined by HPLC.
<b>Endotoxin:</b>	Less than 1 EU per ug by the LAL method.
<b>Formulation:</b>	Supplied as 0.22um filtered solution in PBS (pH 7.4).

**Background:** The spike protein (S) of coronavirus (CoV) attaches the virus to its cellular receptor, angiotensin-converting enzyme 2 (ACE2). A defined receptor-binding domain (RBD) on S mediates this interaction. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.

**Source:** 2019-nCoV Spike S is expressed from mammalian with a Fc tag at the C-terminal. It contains Val16-Glu1188.

**Tag:** C-hFc

**Storage:** The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

Hangzhou HuaAn Biotechnology Co.,Ltd.

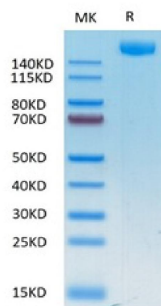
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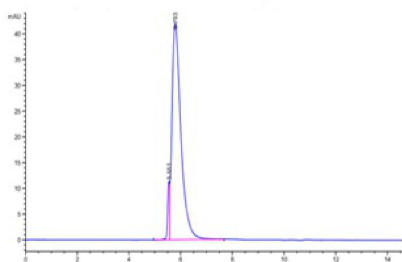
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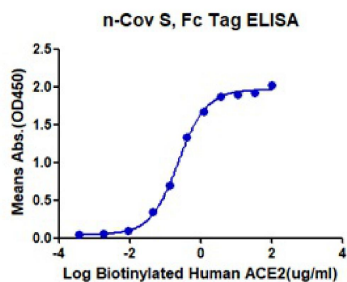




**Fig1:** Recombinant 2019-nCoV Spike S protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



**Fig2:** The purity of 2019-nCoV Spike S is greater than 95% as determined by SEC-HPLC.



**Fig3:** Immobilized 2019-nCoV Spike S, Fc Tag at 0.5ug/ml (100ul/Well). Dose response curve for Biotinylated Human ACE2, His Tag with the EC<sub>50</sub> of 0.2 µg/ml determined by ELISA.

**Note:** All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.