

Promab Biotechnologies' new product development programs are being designed for COVID-19 research and development.

Order Information		
Catalog#	Size	Price
Pr40000	25ug	\$300.00
Description		
<p>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 Spike protein mediates interaction with ACE-2. The Spike protein plays key steps in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.</p> <p>This RBD protein has been designed with a C-terminal human Fc tag with TEV site in front of hFc that allows to cleave RBD protein without tag.</p>		
Specifications		
Gene ID	MN908947.3	
Expression Host	HEK293 suspension cells	
Species	Human	
Molecular Weight	60 kDa	
Sequence	330-524aa	
Formulation	Sterile PBS	
Purity	>95% visualized by SDS-PAGE under reducing conditions	
Storage	Store at -20°C to -80°C. Avoid repeated freezing/thawing cycles. Thawed protein can be stored at 4°C for a limited period of time.	
Application		
SDS-PAGE, ELISA, WB, other biochemical assays such as high-throughput screening of small molecule drugs, antibodies, phage display assay.		
References		
<p>1. Kruse R. Therapeutic strategies in an outbreak scenario to treat the novel coronavirus originating in Wuhan, China. 2020. F1000Research, 9:72 Last updated: 31 JAN 2020</p> <p>2. Xintian Xu, Ping Chen, Jingfang Wang, Jiannan Feng, Hui Zhou, Xuan Li, Wu Zhong, & Pei Hao. Evolution of the novel coronavirus from the ongoing Wuhan outbreak and modeling of its spike protein for risk of human transmission. 2020. Sci China Life Sci 63, https://doi.org/10.1007/s11427-020-1637-5</p>		

Products and Services

- Mouse Monoclonal Antibody
- Bispecific Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

Data

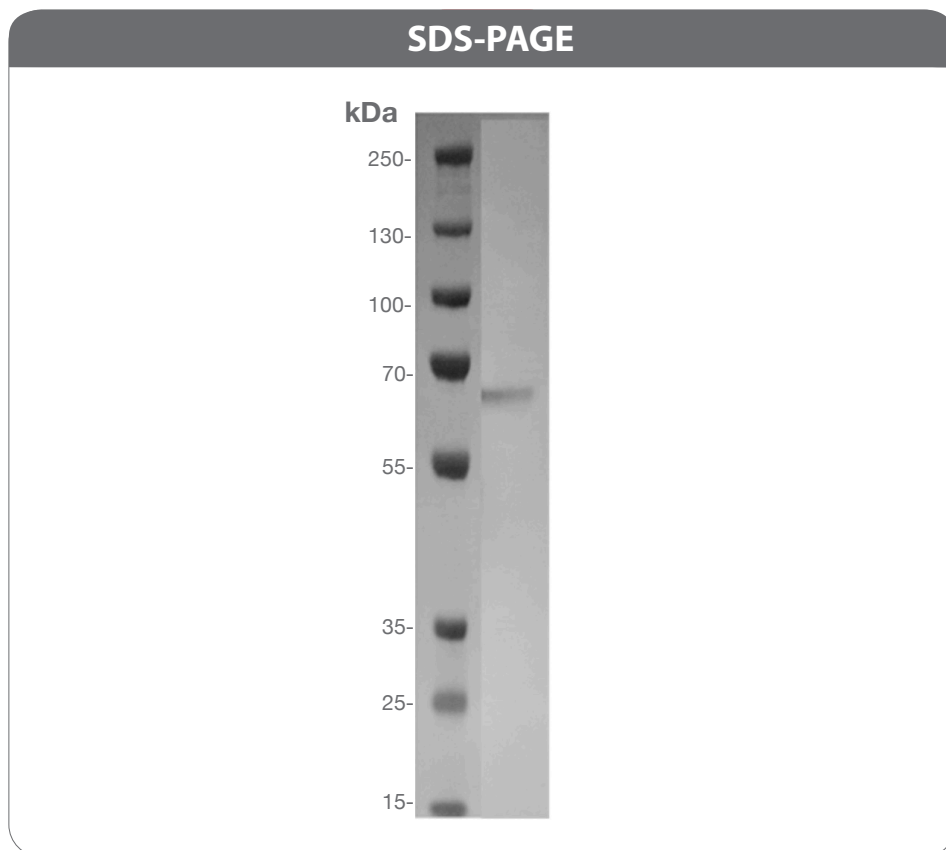


Figure 1. Expression of recombinant RBD-human Fc. Protein was generated using 293S human cells, purified from supernatants and run on SDS gel at reducing conditions.

Products and Services

- Mouse Monoclonal Antibody
- Bispecific Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody