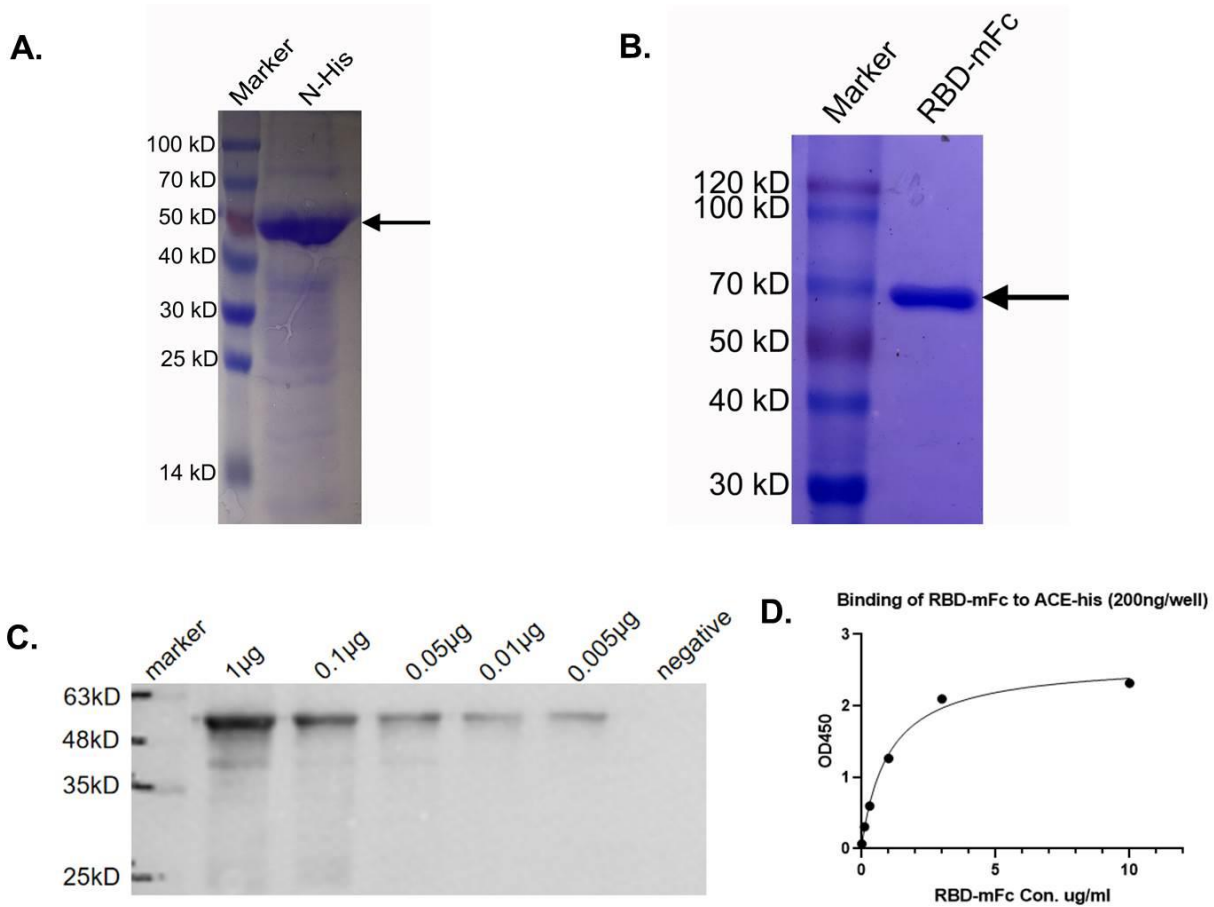


1 **SUPPORTING INFORMATION**

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4 **Figure S1. SDS-PAGE analysis and Western blot of the N protein, the RBD of the S protein,**

5 **and the binding curve of the RBD-mFc to human ACE2.** (A) SDS-PAGE analysis of the N

6 protein. Second lane from the left: The N protein with a His tag. (B) SDS-PAGE analysis of

7 RBD of the S protein. Second lane from the left: RBD of the S protein with a mouse Fc tag. (C)

8 The N protein tested by Western blot. The N protein was diluted into different concentrations to

9 avoid false positive results. The serum samples from normal controls were used as negative

10 controls. (D) The binding curve of RBD-mFc to human ACE2. The A_{450} boosted with the

11 increase in the concentration of the RBD-mFc expressed by our method.

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17 **Table S1 Demography and clinical classification of COVID-19 patients.**

Name	Sex	Age	Date of onset	Date of sampling	Clinical classification
patient 1	F	45	2020/1/26	2020/2/01	moderate
patient 2	F	59	2020/1/25	2020/2/01	moderate
patient 3	F	62	2020/1/26	2020/2/01	moderate
patient 4	M	34	2020/1/22	2020/2/10	moderate
patient 5	F	39	2020/1/23	2020/2/10	moderate
patient 6	F	48	2020/1/24	2020/2/10	moderate
patient 7	F	49	2020/1/23	2020/2/10	moderate
patient 8	F	67	2020/1/15	2020/2/10	moderate
patient 9	F	42	2020/1/20	2020/2/10	moderate
patient 10	F	52	2020/1/23	2020/2/10	severe
patient 11	F	63	2020/1/22	2020/1/28	mild
patient 12	F	65	2020/1/23	2020/1/28	severe
patient 13	M	50	2020/1/21	2020/1/28	critical
patient 14	F	49	2020/2/10	2020/2/11	severe
patient 15	F	63	2020/1/22	2020/2/03	mild
patient 16	M	50	2020/1/21	2020/2/15	critical
patient 17	M	50	2020/1/21	2020/1/31	critical
patient 18	F	49	2020/2/10	2020/2/17	severe
patient 19	M	32	2020/1/26	2020/2/20	mild
patient 20	F	48	2020/2/09	2020/2/20	mild
patient 21	F	52	2020/2/12	2020/2/20	mild
patient 22	M	45	2020/2/13	2020/2/20	mild
patient 23	F	41	2020/2/09	2020/2/20	mild
patient 24	M	45	2020/1/31	2020/2/20	severe
patient 25	M	55	2020/1/31	2020/2/20	mild
patient 26	M	45	2020/2/05	2020/2/20	mild
patient 27	M	25	2020/2/01	2020/2/20	mild
patient 28	F	49	2020/2/08	2020/2/20	mild
patient 29	F	52	2020/2/04	2020/2/20	mild
patient 30	F	49	2020/1/31	2020/2/20	mild
patient 31	F	82	2020/2/12	2020/2/20	mild
patient 32	F	56	2020/2/01	2020/2/20	mild
patient 33	F	63	2020/1/31	2020/2/20	mild
patient 34	F	65	2020/1/24	2020/2/20	mild
patient 35	F	30	2020/2/06	2020/2/20	mild
patient 36	F	65	2020/2/01	2020/2/20	mild
patient 37	M	65	2020/2/02	2020/2/20	mild
patient 38	M	30	2020/2/12	2020/2/20	mild
patient 39	M	26	2020/1/23	2020/2/21	moderate
patient 40	F	56	2020/2/11	2020/2/21	moderate
patient 41	F	33	2020/1/26	2020/2/21	moderate
patient 42	M	33	2020/2/11	2020/2/21	critical
patient 43	F	18	2020/2/01	2020/2/21	mild
patient 44	M	43	2020/1/27	2020/2/21	severe
patient 45	F	20	2020/2/05	2020/2/21	moderate
patient 46	F	73	2020/2/05	2020/2/21	moderate
patient 47	M	34	2020/1/23	2020/2/21	critical

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