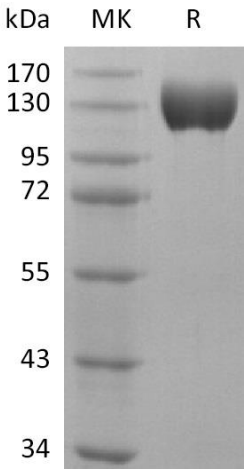
Recombinant Human ACE-2 (C-Fc)

Catalog#:PHH2226

概述（Summary）

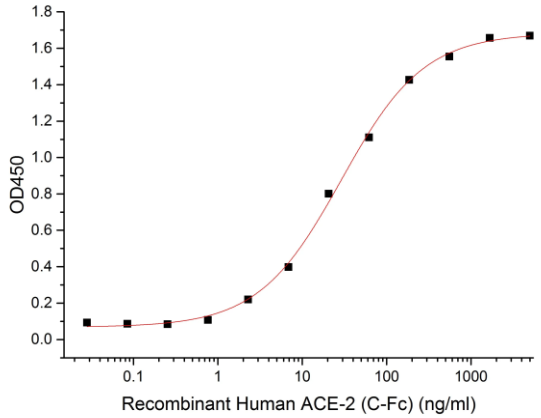
别称（Alternative Names）	Angiotensin-Converting Enzyme 2; ACE-Related Carboxypeptidase; Angiotensin-Converting Enzyme Homolog; ACEH; Metalloprotease MPROT15; ACE2
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Gln18-Ser740】-Fc
Accession #	Q9BYF1
表达宿主（Host）	HEK293
种属（Species）	Human
预测分子量（Predicted MW）	110.5 kDa
制剂（Form）	Lyophilized From a 0.2 μm filtered solution of 20mM Tris–HCl, 300mM NaCl, 10% Glycerol, 100mM Glycine, pH7.4.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

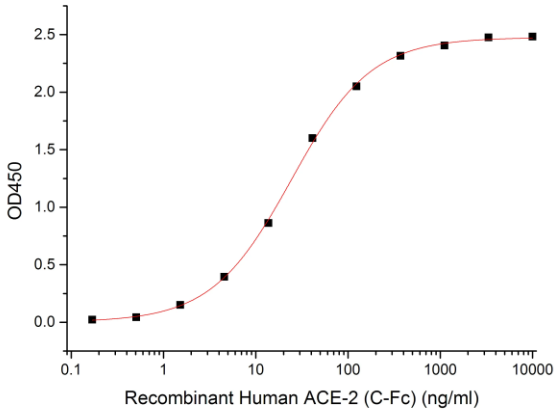


Greater than 95% as determined by reducing SDS-PAGE.

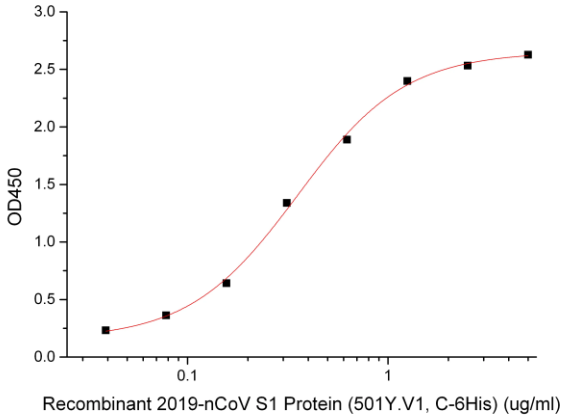
活性图（Bioactivity image）



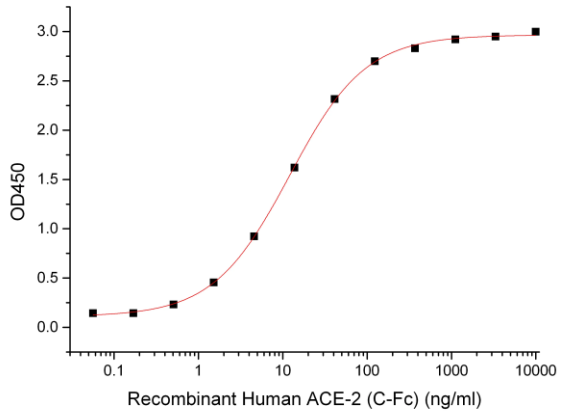
Immobilized 2019-nCoV S Protein RBD-SD1-mFc at 2μg/ml (100 μl/well) can bind Human ACE-2-FC. The ED50 of Human ACE-2-Fc is 25-250 ng/ml. (QC verified)



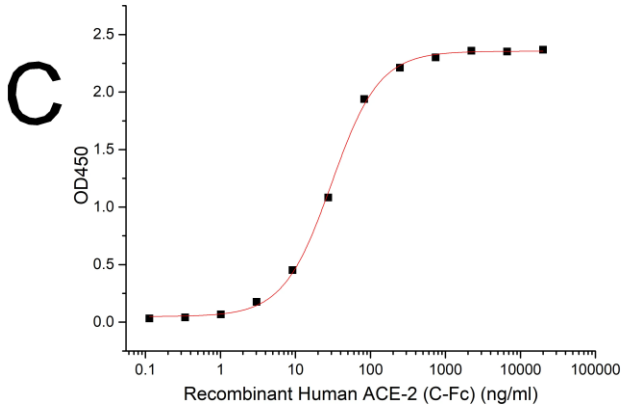
Immobilized 2019-nCoV S-trimer Protein-His at 2μg/ml (100 μl/well) can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 23.83 ng/ml.



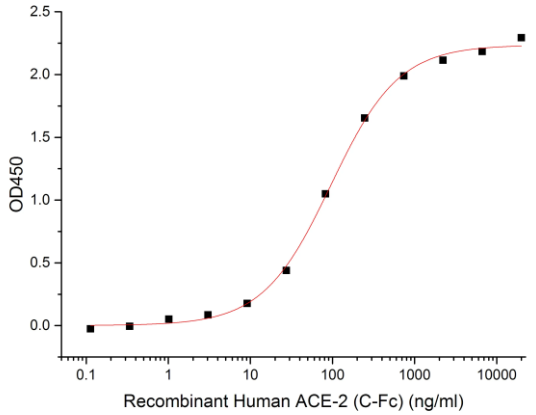
Immobilized 2019-nCoV S1 Protein-His at 5μg/ml (100 μl/well)can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 21.73 ng/ml.



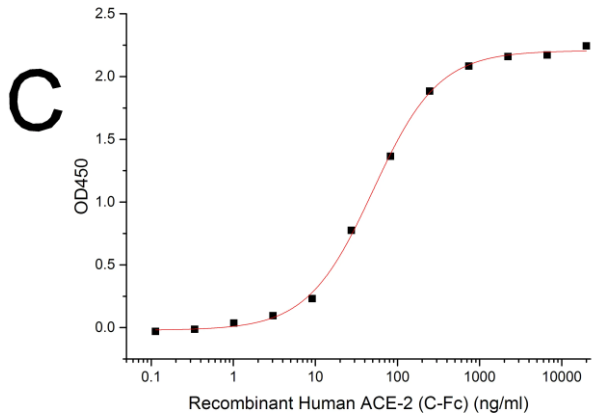
Immobilized 2019-nCoV S-trimer Protein -His at 2μg/ml (100 μl/well)can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 11.98 ng/ml.



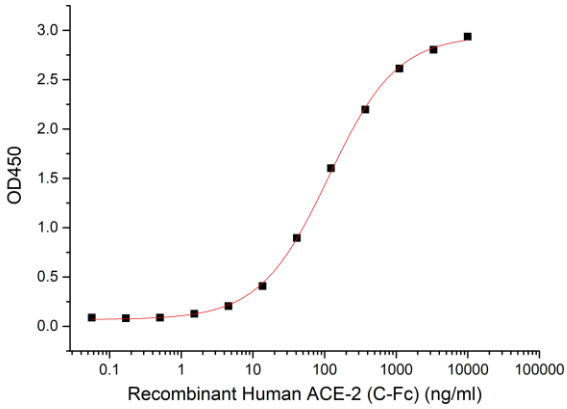
Immobilized 2019-nCoV S-trimer Protein-His at 5μg/ml (100 μl/well)can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 30.11 ng/ml.



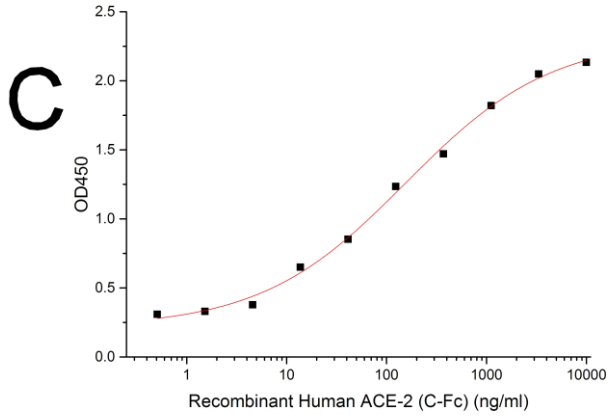
Immobilized 2019-nCoV S-trimer Protein-His at 5μg/ml (100 μl/well)can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 95.28 ng/ml.



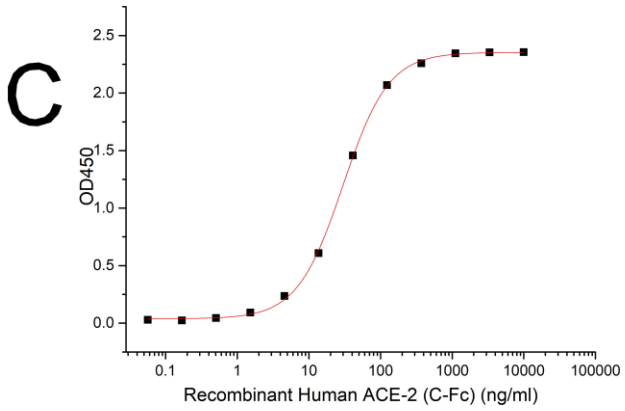
Immobilized 2019-nCoV S-trimer Protein-His at 5μg/ml (100 μl/well)can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 50.33 ng/ml.



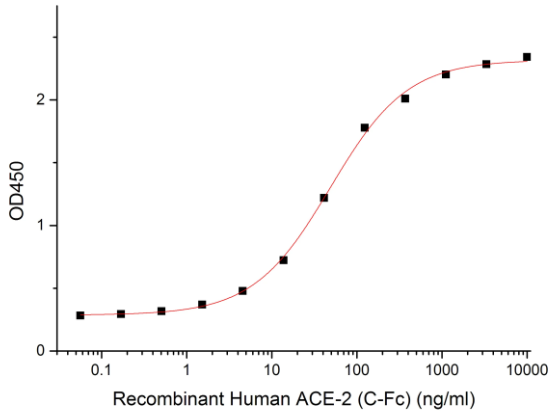
Immobilized 2019-nCoV S-trimer Protein-His at 2μg/ml (100 μl/well)can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 0.133 ug/ml.



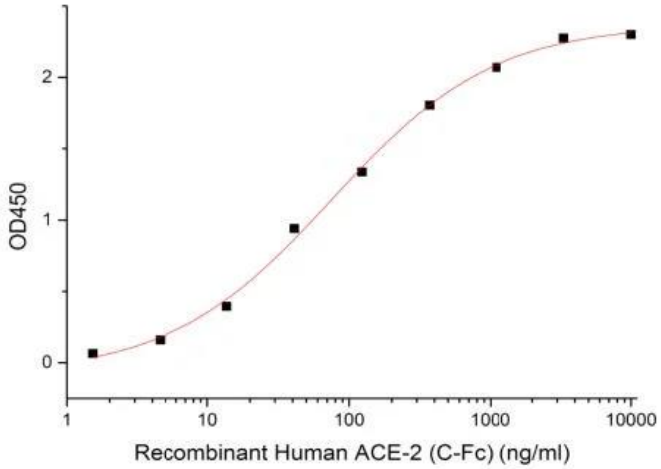
Immobilized SARS-CoV-2 S-trimer Protein-His at 2μg/ml (100 μl/well)can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 0.19 ng/ml.



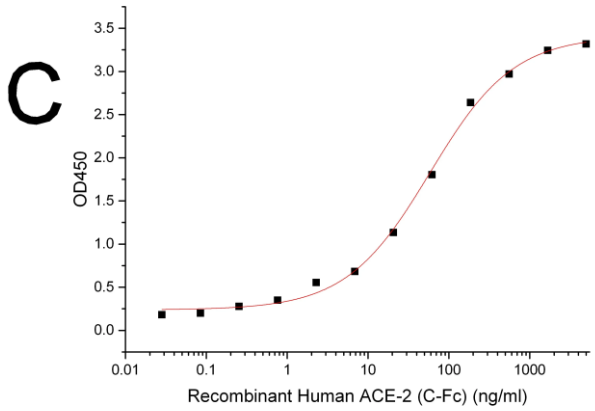
Immobilized SARS-CoV-2 S-trimer Protein-His at 5μg/ml (100 μl/well)can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 29.80 ng/ml.



Immobilized 2019-nCoV S1 Protein at 2μg/ml (100 μl/well) can bind Human ACE-2-Fc. The ED50 of Human ACE-2-Fc is 15-150 ng/ml.



Immobilized SARS-CoV-2 S Protein RBD-SD1-His at 5μg/ml (100 μl/well) can bind Human ACE-2-Fc.The ED50 of Recombinant Human ACE-2-Fc is 76 ng/ml.



Immobilized 2019-nCoV S1-His at 5μg/ml (100 μl/well) can bind Human ACE-2- Fc.The ED50 of Recombinant Human ACE-2-Fc is 58.3 ng/ml.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.