

ACE2 active protein

Recombinant Human ACE2 Protein with hFc tag

CATALOG # AAA281534	HOST HEK293 Cells
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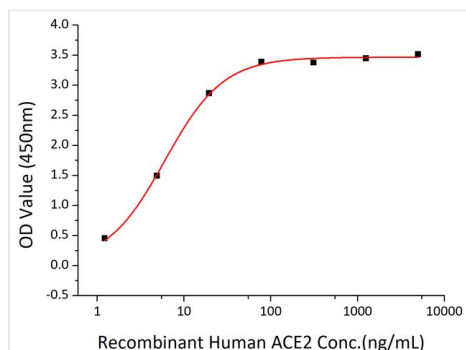
PRODUCT SYNONYMS

ACE2; Recombinant Human ACE2 Protein with hFc tag; ACE2 active protein

PRODUCT SPECIFICATIONS

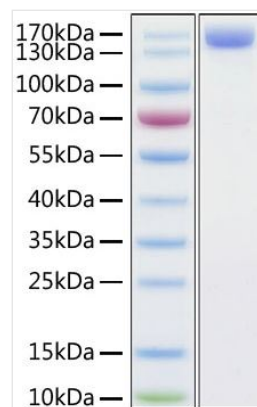
Host	HEK293 Cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4. or Supplied as a 0.22 um filtered solution in PBS, pH 7.4.
Endotoxin	< 0.1 EU/ug of the protein by LAL method.
Species	Human
Tag Information	Fc tag at the C-terminus
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant 2019-nCoV Spike RBD-6His at 2?g/mL (100 uL/well) can bind Recombinant Human ACE2-Fc, the EC50 of ACE2-Fc is 4-6ng/mL.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Preparation and Storage	Store the lyophilized protein at -20 degree C to -80 degree C for long term. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Bioactivity

Immobilized Recombinant 2019-nCoV Spike RBD-6His at 2ug/mL (100 uL/well) can bind Recombinant Human ACE2-Fc, the EC50 of ACE2-Fc is 4-6 ng/mL.



SDS-PAGE

Recombinant Human ACE2 Protein with hFc tag was determined by SDS-PAGE with Coomassie Blue, showing a band at 140-150kDa.

ADDITIONAL INFORMATION

Related Product Information for ACE2 active protein	Recombinant Human ACE2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln18-Ser740) of human ACE2 (Accession #Q9BYF1) fused with a Fc tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	59272
UniProt Accession #	Q9BYF1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/ace2/281534>