

ACE2 Active Protein

Recombinant Human ACE2 Protein with His and Avi tag

CATALOG #
AAA281528

HOST
HEK293 Cells

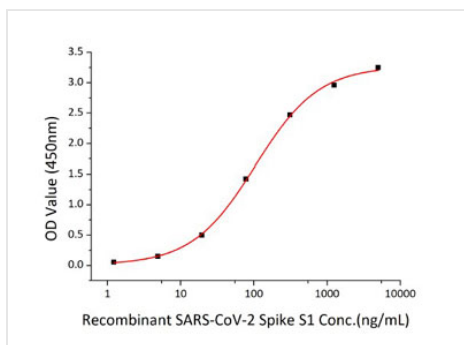
PRODUCT SYNONYMS

ACE2; Recombinant Human ACE2 Protein with His and Avi tag; ACE-2; ACEH; ACE2 active protein

PRODUCT SPECIFICATIONS

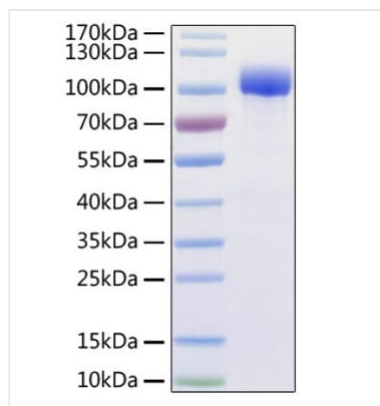
Host	HEK293 Cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Endotoxin	< 1.0 EU/ug of the protein by LAL method.
Species	Human
Tag Information	6×His Avi tag at the C-terminus
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human ACE2-His at 2ug/mL (100 uL/well) can bind Recombinant 2019-nCoV Spike S1 with a linear range of 0.49-27.17ng/mL.
Reconstitution	For lyophilized protein : Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Preparation and Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. This product is stable at ≤70°C for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

IMAGES



Application Data

Immobilized Recombinant Human ACE2-His at 2ug/mL (100uL/well) can bind Recombinant 2019-nCoV Spike S1 with a linear range of 0.49-27.17ng/mL.



Application Data

Recombinant Human ACE2 Protein with His and Avi tag was determined by SDS-PAGE with Coomassie Blue, showing a band at 95-110 kDa.

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 6×His Avi 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.

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Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/ace2/281528>