

ACE2/Rb Fc Recombinant Protein | ACE2/Rb recombinant protein

Purified Recombinant Human ACE2/Rb Fc Chimera Protein [HEK293 Expressed]

CATALOG # AAA214171	HOST HEK293	APPLICATIONS ELISA
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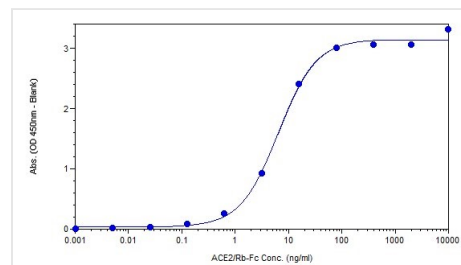
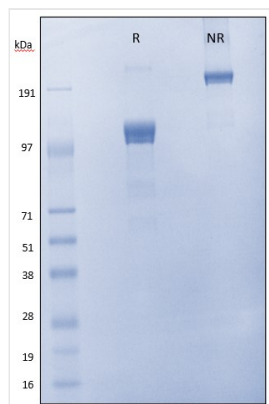
PRODUCT SYNONYMS

ACE2/Rb Fc; Purified Recombinant Human ACE2/Rb Fc Chimera Protein [HEK293 Expressed]; ACE2(18-740)/Rb-Fc; angiotensin I converting enzyme (peptidyl-dipeptidase A) 2; peptidyl-dipeptidase A; metalloprotease MPROT15; angiotensin-converting enzyme 2; ACE-related carboxypeptidase; ACEH; angiotensin-converting enzyme homolog; Angiotensin-converting enzyme 2; angiotensin I converting enzyme 2; ACE2/Rb recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293
Purity/Purification	Purified
Form/Format	Liquid. Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for ACE2/Rb recombinant protein	ELISA
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C to -80 degree C Shelf Life: 3 months from date of receipt

IMAGES



ELISA

Analysis of recombinant human ACE2/Rb Fc chimera protein by ELISA. Sample: Plate coated with SARS-CoV-2 S-RBD/HIS Tag at 2 ug/ml. ACE2/Rb Fc Chimera Protein (AAA214171 lot 1) 5-fold dilution series added beginning at 10,000 ng/ml. Detection: used at 1:25K dilution.

SDS-PAGE

Analysis of recombinant human ACE2/Rb Fc chimera protein by SDS-PAGE and Coomassie staining. Sample: 2 ug/lane of Recombinant Human ACE2/Rb Fc Chimera (AAA214171 lot 1). Detection: Resolved with SDS-PAGE under reducing (R) and non-reducing (NR) conditions and visualized by Coomassie Blue staining, showing bands at ~126 kDa under reducing conditions.

ADDITIONAL INFORMATION

Related Product Information for ACE2/Rb recombinant protein	ACE2 acts as a receptor for human coronaviruses SARS-CoV and SARS-CoV-2, as well as human coronavirus NL63/HCoV-NL63. ACE2 is also an essential counter-regulatory carboxypeptidase of the renin-angiotensin hormone system that is a critical regulator of blood volume, systemic vascular resistance, and thus cardiovascular homeostasis. (Uniprot)
Product Categories/Family for ACE2/Rb recombinant protein	Immunoglobulins

NCBI AND UNIPROT INFORMATION

NCBI GI #	11225609
NCBI GeneID	59272
NCBI Accession #	NP_068576.1
NCBI GenBank Nucleotide #	NM_021804.2
UniProt Accession #	Q9BYF1; Q6UWP0; Q86WT0; Q9NRA7; Q9UFZ6; C7ECU1
Molecular Weight	92,463 Da
NCBI Official Full Name	angiotensin-converting enzyme 2
NCBI Official Synonym Full Names	angiotensin I converting enzyme 2
NCBI Official Symbol	ACE2
NCBI Official Synonym Symbols	ACEH
NCBI Protein Information	angiotensin-converting enzyme 2; peptidyl-dipeptidase A; metalloprotease MPROT15; ACE-related carboxypeptidase; angiotensin-converting enzyme homolog; angiotensin I converting enzyme (peptidyl-dipeptidase A) 2
UniProt Protein Name	Angiotensin-converting enzyme 2
UniProt Gene Name	ACE2
UniProt Synonym Gene Names	ACEH
UniProt Entry Name	ACE2_HUMAN

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.