

ACE2 active protein

Recombinant Human ACE2 protein

CATALOG # AAA119897	HOST Mammalian cells	APPLICATIONS Immunogen
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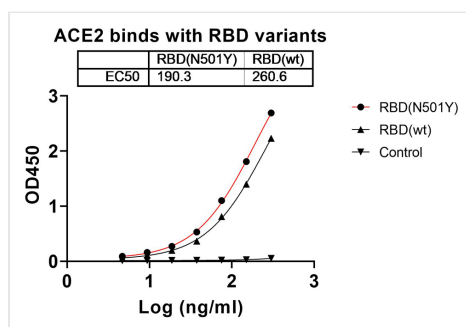
PRODUCT SYNONYMS

ACE2; Recombinant Human ACE2 protein; ACE-related carboxypeptidase; Angiotensin-converting enzyme homolog; Metalloprotease MPROT15; ACE2 active protein

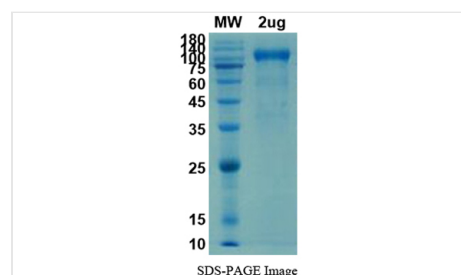
PRODUCT SPECIFICATIONS

Host	Mammalian cells
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized. Lyophilized from PBS, pH7.5, 0.02% NLS, 5% Trehalose, 5% Mannose, 1mM EDTA.
Applicable Applications for ACE2 active protein	Immunogen
Species	Human
Preparation and Storage	Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles. Shipping: Ice packs

IMAGES



SDS-PAGE



Bioactivity

ADDITIONAL INFORMATION

Related Product Information for ACE2 active protein

Recombinant Human ACE2 is produced by Mammalian cells expression system and the target gene encoding Met1-Ser740 is expressed without Tag

Background: Angiotensin-Converting Enzyme 2 (ACE-2) is an integral membrane protein and a zinc metalloprotease of the ACE family, the ACE family includes somatic and germinal ACE. ACE-2 cleaves angiotensins I and II as a carboxypeptidase, ACE-2 converts angiotensin I to angiotensin 1-9, and angiotensin II to angiotensin 1-7. ACE-2 is also able to hydrolyze apelin-13 and dynorphin-13 with high efficiency. ACE-2 can be high expressed in testis, kidney and heart, in colon, small intestine and ovary at moderate levels. Captopril and lisinopril as the classical ACE inhibitor don't inhibit ACE-2 activity. ACE-2 may play an important role in regulating the heart function.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q9BYF1
Molecular Weight	Predicted Molecular Mass: 85.2kDa
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.

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Online datasheet: <https://www.aaabiotech.com/mammalian-cells-active-protein/ace2/119897>