



ACE-2 protein

Catalog: NCP0031P

Host: 293

Reactivity: Research and Diagnosis

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.

Mol Mass: 84.63kDa

AP Mol Mass: 103kDa, reducing conditions.

Purity:

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

Product:

Recombinant Human Angiotensin-Converting Enzyme 2 is produced by our 293 expression system and the target gene encoding Gln18-Ser740 is expressed with a 6His tag at the C-terminus.

Synonym:

Angiotensin-Converting Enzyme 2; ACE-Related Carboxypeptidase; Angiotensin-Converting Enzyme Homolog; ACEH; Metalloprotease MPROT15; ACE2

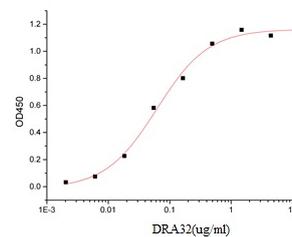
Storage&Stability:

Store at $< -20^{\circ}\text{C}$, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Specificity:

Less than 0.1 ng/ μg (1 EU/ μg) as determined by LAL test.

Data:



Immobilized Human ACE-2-His(Cat#C419) at 10 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) can bind 2019-nCoV S Protein RBD-mFc (Cat#DRA32). The ED50 of 2019-nCoV S Protein RBD-mFc (Cat#DRA32) is 62 ng/ml.

Note:

Research and Diagnosis

Source: 293

Tag: C-6His

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