Recombinant Human ACE-2 (C-6His)

货号: RB91EPT135

gui_ge

50ug

biao_da_su_zhu

Human Cells

biao_qian

C-6His

fen_zi_liang

84.63 KDa

biao_guan_fen_zi_liang

103 KDa, reducing conditions

xing_tai

Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 300mM NaCl, 1mM ZnCl₂, 10% Glycerol, pH 7.4.

chun_du

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

nei_du_su_shui_ping

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

huo_xing

Immobilized Human ACE-2-His(Cat#C419) at 2μg/ml (100 μl/well)can bind 2019-nCoV S Protein RBD-Fc(Cat#DRA121). The ED50 of 2019-nCoV S Protein RBD (N501Y, C-Fc)(Cat#DRA121) is 3.57 ng/ml.

chu_cun_fang_fa

Store at ≤-70° C, stable for 6 months after receipt.
Store at ≤-70° C, stable for 3 months under sterile conditions after opening.
Please minimize freeze-thaw cycles.

yun_shu_tiao_jian

The product is shipped on dry ice/polar packs.
Upon receipt, store it immediately at the temperature listed below.

bei_jing_shuo_ming

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.

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