

Recombinant Rhesus Macaque Angiotensin-Converting Enzyme 2/ACE-RPES6791

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES6791

Purity: > 95 % as determined by reducing SDS-PAGE.

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: Subject to label value.

Species: Rhesus Macaque

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: ACE-Related Carboxypeptidase, ACE2, ACEH, Angiotensin-Converting Enzyme 2, Angiotensin-Converting Enzyme Homolog, Metalloprotease MPROT15

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Expression Host: HEK293 Cells

Bio-Activity: Immobilized Rhesus Macaque ACE-2-His(Cat#RPES6791)at 5µg/ml (100 µl/well) can bind 2019-nCoV S Protein RBD-SD1-mFc(Cat#RPES0012). The ED50 of Recombinant 2019-nCoV S Protein RBD-SD1-mFc(Cat#RPES0012) is 16.8 ng/ml.

Calculated MW: 85.1 kDa

Formulation: Supplied as a 0.2 µm filtered solution of 25mM Tris-HCl, 150mM NaCl, 1mM ZnCl₂, pH 7.5. Immobilized Rhesus Macaque ACE-2-His(Cat#RPES6791)at 5µg/ml (100 µl/well) can bind 2019-nCoV S Protein RBD-SD1-mFc(Cat#RPES0012). The ED50 of Recombinant 2019-nCoV S Protein RBD-SD1- mFc(Cat#RPES0012) is 16.8 ng/ml.

Observed MW: 90-120 kDa

Reconstitution: -

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Accession: ACI04564.1

Source: HEK293 Cells-derived Rhesus Macaque ACE2/ACE-2 protein Gln18-Val739, with an C- terminal His

Sequence: Gln18-Val739

Form: Liquid

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.