Recombinant Human ACE2 Protein (His Tag)

RPES2538

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: RPES2538

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

Species: Human

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

Tag: C-His

Expression Host: HEK293 Cells

Calculated MW: 84.6 kDa

Observed MW: 103 kDa

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

Concentration: Subject to label value.

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

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

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.

Bio-Activity: Loaded 2019-nCoV S Protein RBD-mFc on AMC Biosensor, can bind Human ACE-2- His with an affinity constant of 2.06 nM as determined in BLI assay.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 300mM NaCl, 1mM ZnCl2 , 10% Glycerol, pH 7.4. Loaded 2019-nCoV S Protein RBD-mFc on AMC Biosensor, can bind Human ACE-2-His with an affinity constant of 2.06 nM as determined in BLI assay.

Reconstitution: -

Accession: Q9BYF1

Source: HEK293 Cells-derived Human ACE2 protein Gln18-Ser740, with an C-terminal His

Sequence: Gln18-Ser740

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.