

Recombinant Human ACE2 Protein(His Tag)

RPES9422

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: RPES9422

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

Contents: 100µg, 20µg, 500µg, 1mg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Synonyms: ACE, UNQ, PRO, Metalloprotease MPROT, Angiotensin-converting enzyme, ACE2, ACEH, ACEII, Angiotensin-converting enzyme 2, Angiotensin-converting enzyme homolog, Angiotensin-converting enzyme-related carboxypeptidase, ACE-related carboxypeptidase, Metalloprotease MPROT15, Processed angioten, UNQ868, PRO1885, ACEH, angiotensin-converting enzyme 2, ACE 2, ACE related carboxypeptidase, Angiotensin converting enzyme 2, Angiotensin converting enzyme homolog, Angiotensin converting enzyme like protein, Angiotensin I Converting Enzyme (peptidyl dipeptidase A) 2, Angiotensin I converting enzyme 2, DKFZP434A014, EC 3.4.17, metalloprotease MPROT 15, OTTHUMP00000022963, Processed angiotensin-converting enzyme 2

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: Mammalian

Bio-Activity: Not validated for activity

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

Calculated MW: 81.3 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Observed MW: 95-110 kDa

Reconstitution: It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Accession: Q9BYF1

Source: Mammalian-derived Human ACE2 protein Met1-Ser740, with an C-terminal His

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

Sequence: Met1-Ser740

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

Form: Lyophilized powder

