Recombinant MERS-CoV Spike/S1 Protein (S1 Subunit, aa 1-725, His
RPES6990

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: RPES6990

Contents: 100µg
Bradford Reagent: 1 vial (2ml)

Species: MERS-CoV

Synonyms: MERS-CoV, RBD Protein, S Pr, coronavirus s1 Protein, coronavirus s2 Protein, coronavirus spike Protein, cov spike Protein, ncov RBD Protein, ncov s1 Protein, ncov s2 Protein, ncov spike Protein

Tag: C-His

Expression Host: Baculovirus-Insect Cells

Calculated MW: 79.9 kDa

Purity: > 90 % as determined by reducing SDS-PAGE.

Concentration: -

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

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

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

Bio-Activity: 1. Immobilized Spike Protein S1 (aa 1-725) (Cat: RPES6990) at 10 µg/ml (100 µl/well) can bind biotinylated human DPP4 (Cat: RPES6173). The EC50 of of biotinylated DPP4 (Cat: RPES6173) is 0.52-1. 22 µg/ml. 2. Immobilized Spike Protein S1 (aa 1-725） (Cat: RPES6990) at 10 µg/ml (100 µl/well) can bind biotinylated Fc-DPP4 (Cat: RPES2473). The EC50 of biotinylated Fc-DPP4 (Cat: RPES2473) is 0.02-0.06 µg/ml.

Formulation: Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

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

Observed MW: 94 kDa

Accession: AFS88936.1

Source: Baculovirus-Insect Cells-derived MERS-CoV MERS-CoV Spike/S1 protein Met1- Glu725, with an C-terminal His

Sequence: Met1-Glu725

Form: Lyophilized powder

Reconstitution: Please refer to the printed manual for detailed information.

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.