Recombinant Coronavirus Matrix Protein (SARS-CoV; 182-216)

CATALOG NO: P1504-10 10 µg
P1504-50 50 µg

MOL. WT. 30 kDa

SOURCE: E. coli

PURITY: >95%

FORM: Liquid

FORMULATION: 50 mM Tris-HCl, 60 mM NaCl with 50% glycerol

STORAGE CONDITIONS: Store at 2-8°C for short term (≤ 1 week). For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing.

DESCRIPTION: Severe acute respiratory syndrome (SARS) is a viral respiratory illness caused by a coronavirus called SARS-associated coronavirus (SARS-CoV). SARS coronavirus belongs to a family of enveloped coronaviruses. Coronaviruses are enveloped, single-stranded, positive-sense RNA viruses that belong to the subfamily Coronavirinae. The coronavirus genome encodes a spike protein (S), an envelope protein, a membrane protein, and a nucleoprotein in this order. The coronavirus N protein is required for coronavirus RNA synthesis and has RNA chaperone activity that may be involved in template switch. Coronaviruses can cause a range of symptoms varying from mild symptoms such as the common cold to more serious respiratory illnesses. SARS-CoV and MERS-CoV cause severe respiratory illness. Upon infecting host cells, coronaviruses assemble a multi-subunit RNA-synthesis complex of viral non-structural proteins (nsp) responsible for the replication and transcription of the viral genome.

AMINO ACID SEQUENCE: aa 182-216

RELATED PRODUCTS:

- Recombinant Coronavirus Nucleoprotein (CoV-NP-NL63) (P1507)
- Recombinant Coronavirus Membrane Protein (SARS-CoV) (P1505)
- Recombinant Coronavirus Envelope Protein (SARS-CoV ENV;1-76) (P1503)
- Recombinant Coronavirus Nucleoprotein (CoV-NP 229E) (P1506)
- Recombinant Coronavirus Nucleoprotein (SARS-CoV; 340-390) (P1508)
- Recombinant Coronavirus Nucleoprotein (SARS-CoV) (P1509)
- Recombinant Coronavirus Nucleoprotein (SARS-CoV; 1-49) (P1510)
- Recombinant Coronavirus Nucleoprotein (SARS-CoV; 1-49, 192-220) (P1511)
- Recombinant Coronavirus Nucleoprotein (SARS-CoV NP; 340-390) (P1512)
- Human CellExp™ Coronavirus Spike Protein (MERS-CoV S1; 18-725), Recombinant (P1513)
- Recombinant Coronavirus Spike Protein (MERS-CoV S1; 56-295) (P1514)
- Recombinant Coronavirus Spike Protein (SARS-CoV S1; 12-53, 90-115, 171-203) (P1515)
- Recombinant Coronavirus Spike Protein (SARS-CoV S1; 1-53, 90-115, 171-205, His tag) (P1516)
- Recombinant Coronavirus Spike Protein (SARS-CoV S2; 408-470, 540-573, His Tag) (P1517)
- Recombinant Coronavirus Spike Protein (SARS-CoV S2; 408-470, 540-573) (P1518)
- Recombinant Coronavirus Spike Protein (SARS-CoV S2) (P1519)
- Recombinant Coronavirus Spike Protein (SARS-CoV S, His tag) (P1520)

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