Recombinant Coronavirus Envelope Protein (SARS-CoV ENV;1-76)

CATALOG NO:  
P1503-10  10 µg  
P1503-50  50 µg

ALTERNATE NAMES:  
Envelope small membrane protein, E protein, sM protein

MOL. WT.  
34 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:  
Coronaviruses (CoV) are a large group of enveloped positive-sense RNA viruses. Envelope protein plays a central role in virus morphogenesis and assembly. It acts as a viroporin and self-assembles in host membranes forming pentameric protein-lipid pores that allow ion transport. It also plays a role in the induction of apoptosis, activates the host NLRP3 inflammasome, leading to IL-1β overproduction.

AMINO ACID SEQUENCE:  
aa 1-76

RELATED PRODUCTS:

- Recombinant Coronavirus Nucleoprotein (CoV-NP-NL63) (P1507)
- Recombinant Coronavirus Nucleoprotein (SARS-CoV; 340-390) (P1508)
- Recombinant Coronavirus Matrix Protein (SARS-CoV; 182-216) (P1504)
- Recombinant Coronavirus Membrane Protein (SARS-CoV) (P1505)
- Recombinant Coronavirus Nucleoprotein (CoV-NP 229E) (P1506)
- 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)

FOR RESEARCH USE ONLY! Not to be used on humans.