Recombinant Coronavirus Envelope Protein (SARS-CoV)

CATALOG NO:  
- P1534-10  10 µg  
- P1534-50  50 µg

SOURCE:  
E. coli

PURITY:  
>90%

FORM:  
Liquid

FORMULATION:  
In 10 mM Phosphate Buffered Saline, pH 7.2

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-1beta overproduction.

AMINO ACID SEQUENCE:  
Peptide composed of amino acids 1-76 of envelope protein.

RELATED PRODUCTS:  
- Recombinant Coronavirus Matrix Protein (SARS-CoV; 182-216) (P1504)  
- Recombinant Coronavirus Envelope Protein (SARS-CoV ENV;1-76) (P1503)  
- Recombinant Coronavirus Nucleoprotein (CoV-NP 229E) (P1506)  
- Recombinant Coronavirus Nucleoprotein (CoV-NP-NL63) (P1507)  
- Recombinant Coronavirus Membrane Protein (SARS-CoV) (P1505)  
- Recombinant Coronavirus Nucleoprotein (SARS-CoV; 340-390) (P1508)

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