

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.