Recombinant COVID-19 Envelope Protein(C40A, C43A, C44A), His & MBP-tagged

Cat. No. Envelope-304V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 Envelope Protein(YP_009724392.1) (Met1-Val75(C40A, C43A, C44A)), fused with N-terminal His and MBP tag, was expressed in E. coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	Met1-Val75
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant SARS-CoV-2 (2019-nCoV) E(C40A, C43A, C44A)-His & MBP Recombinant Protein consists of 475 amino acids and predicts a molecular mass of 52.2 kDa.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20℃ to -80℃ Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	E envelope protein [Severe acute respiratory syndrome coronavirus 2]
Official Symbol	E
Synonyms	SARS-CoV-2 E protein; SARS-CoV-2 sM protein
Gene ID	43740570
Protein Refseq	YP_009724392.1
UniProt ID	P0DTC4

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