Recombinant COVID-19 Envelope Protein, His & GST-tagged

Cat. No. Envelope-305V **Lot. No.** (See product label)

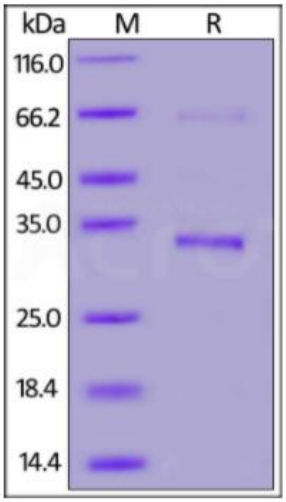
SPECIFICATION

Product Overview	Recombinant COVID-19 Envelope Protein(QHU79206.1)(Met 1 - Val 75), fused with a GST tag at the N-terminus and a polyhistidine tag at the C-terminus, was expressed in E. coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	Met 1 - Val 75
Form	Lyophilized from 0.22 μm filtered solution in 20 mM Tris, 5 mM EDTA, Arginine, pH8.0. Normally sucrose is added as protectant before lyophilization.
Molecular Mass	The protein has a calculated MW of 36.8 kDa. The protein migrates as 33-35 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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
SDS-PAGE	

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