

ARG70346 SARS-CoV-2 Envelope recombinant protein (Avi-His-tagged, N-ter)

Package: 100 µg
Store at: -20°C

Summary

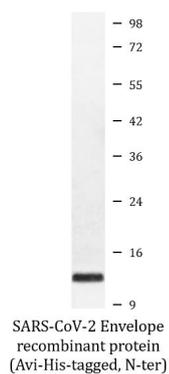
Product Description	E. coli expressed, Avi-His-tagged (N-ter) SARS-CoV-2 Envelope recombinant protein.
Tested Reactivity	Virus
Tested Application	Binding, SDS-PAGE
Target Name	SARS-CoV-2 Envelope protein
Species	Virus
A.A. Sequence	Met1 - Val75 of SARS-CoV-2 Envelope protein (QHD43418.1) with an initial Met at the N-terminus and Avi-6X His tag at the N-terminus.
Expression System	E. coli

Application Instructions

Application Note	Binding activity test: Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-CoV-2 Envelope at 2µg/ml (100 µl/well) can bind Recombinant SARS-CoV-2 Nucleocapsid with a linear range of 1.2-41.1 ng/ml.
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Properties

Form	Powder
Purification Note	0.22 µm filter sterilized. Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 95% (by SDS-PAGE)
Buffer	20 mM Tris (pH 8.0), 250 mM NaCl and 0.5% TritonX-100.
Storage instruction	Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.



ARG70346 SARS-CoV-2 Envelope recombinant protein (Avi-His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70346 SARS-CoV-2 Envelope recombinant protein (Avi-His-tagged, N-ter).