

SARS-CoV-2 Spike-Membrane Recombinant Fusion Protein, His Tag

Catalog No: #AP89619

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Package Size: #AP89619-1 10ug #AP89619-2 100ug

Description

Product Name	SARS-CoV-2 Spike-Membrane Recombinant Fusion Protein, His Tag
Host Species	HEK293
Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Species Reactivity	Human
Immunogen Description	S protein (Lys310-Leu560)+Membrane protein(Met1-Lys15)+6xHis tag
Other Names	S protein, M protein, COVID-19
Calculated MW	31.2 kDa
Tag Info	C- 6xHis tag
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 99 % trehalose is added as protectants before lyophilization.
Storage	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Images

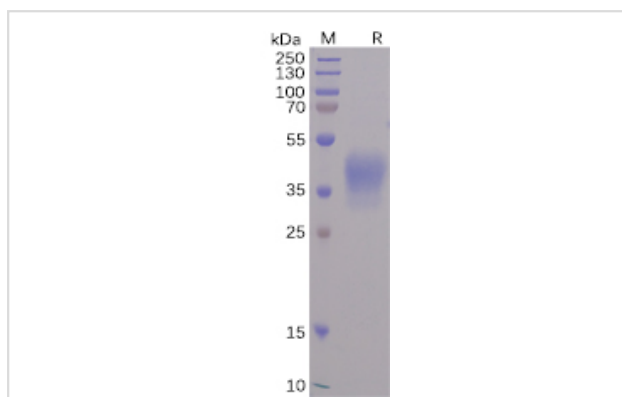
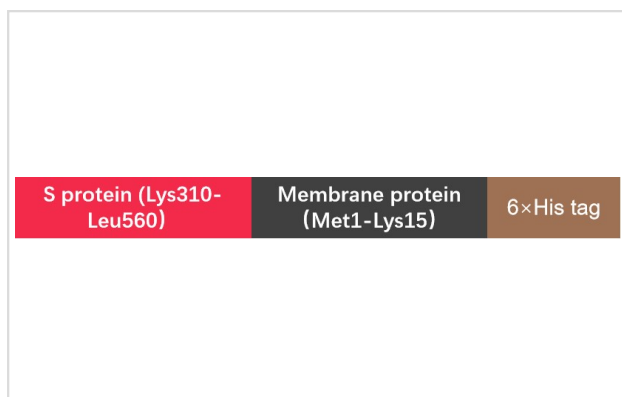


Figure 1. SARS-CoV-2 Spike-Membrane Recombinant Fusion Protein, His Tag on SDS-PAGE under reducing condition.



Product Description

Expression Region:660Research Topic:SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as Covid19 (2019 Novel

Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. The spike protein is a type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which accounts for recognizing the cell surface receptor, ACE2. S2 contains basic elements needed for the membrane fusion. Recent publications indicate that S1-RBD domain can induce virus neutralizing-antibody and T cell response.

Note: This product is for in vitro research use only