

Recombinant SARS S Protein, His-tagged

Cat. No. S-671V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant S1 subunit of human SARS coronavirus (isolate:WH20) spike (AAX16192.1) (Met1-Arg667) was expressed with a C-terminal polyhistidine tag.
Species	SARS
Source	Insect Cells
ProteinLength	1-667 a.a.
Predicted N Terminal	Ser 14
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant S1 subunit of human SARS coronavirus (isolate:WH20) spike comprises 665 amino acids and has a predicted molecular mass of 74.4 kDa. The apparent molecular mass of the protein is approximately 85.8 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage Store it under sterile conditions at -20°C~-70°C. 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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name S E2 glycoprotein precursor [SARS coronavirus]

Official Symbol S

Synonyms E2; E2 glycoprotein precursor; spike glycoprotein

Gene ID 1489668

mRNA Refseq

Protein Refseq NP_828851

MIM

UniProt ID

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