

Catalog number	C11006-100UG
Package	100 µg
Description	The coronavirus spike glycoprotein plays an indispensable role in the binding of the virus to the host cell during the infection process. The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 subunit mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor.
Source	<i>Escherichia coli</i>
Sequence	<p>MVNLTRTRQLPPAYTNSFTRGVYYPDKVFRSSVLHSTQDLFLPFFSNVTWFHAI HVSGTNGTKRFDNPVLPFNDGVYFASTSEKSNIIRGWIFGTTLDSTQSLIVNNA TNVVIKVCFEQFCNDPFLVYYHKNNKSWMESEFRVYSSANNCTFEYVSQPFLM DLEGKQGNFKNLREFVFKNIDGYFKIYSKHTPINLVRDLPQGFSALEPLVDLPIGI NITRFQTLALHRSYLTPGDSSSGWTAGAAAYVGYQPRTFLLKYNENGTITDA VDCALDPLSEKCTLSFTVEKGIYQTSNFRVQPTESIVRFPNITNLCPFGEVFN ATRFASVYAWNRKRISNCVADYSVLYNSASFSTFKCYGVSPKLNLDLCLFTNVY ASFVIRGDEVRQIAPGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYN YLYRLFRKSNLKPFERDISTEIQAGSTPCNGVEGFNCYFPLQSYGFQPTNGVG YQPYRVVLSFELLHAPATVCPKKSTNLVKNKCVNFNENGLTGTGVLTESNKKF LPFQQFGRDIADTTDAVRDPQTLILDITPCSFGGVSVITPGTNTSNQVAVLYQD VNCTEVPVAIHADQLTPTWRVYSTGSNVFQTRAGCLIGAHVNNSECDIPIGAG IC with polyhistidine tag at the C-terminus</p>
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE.
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant SARS-CoV-2 Spike Protein (S1 subunit)

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