Recombinant Human coronavirus (HCoV-229E) Spike/S1 Protein (S1 Subunit), His-tagged

Cat. No. Spike-556H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human coronavirus (HCoV-229E) Spike/S1 Protein (S1 Subunit)(APT69883.1)(Cys16-Asn536), fused with His tag, was expressed in HEK293.
Species	HCoV
Source	HEK293
ProteinLength	Cys16-Asn536
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human coronavirus (HCoV-229E) spike protein (S1 Subunit, His Tag) consists of 532 amino acids and predicts a molecular mass of 58.3 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	S surface glycoprotein [Severe acute respiratory syndrome coronavirus 2]
Official Symbol	Spike
Synonyms	Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1; COVID-19
Gene ID	43740568
Protein Refseq	YP_009724390.1
UniProt ID	P0DTC2

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