

Recombinant Human coronavirus (HCoV-OC43) Spike S2 Protein, His-tagged

Cat. No. Spike-548H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human coronavirus (HCoV-OC43) Spike S2 Protein(AVR40344.1)(Ala766-Pro1304), fused with His tag, was expressed in Insect Cells.
Species	HCoV-OC43
Source	Insect Cells
ProteinLength	Ala766-Pro1304
Form	Lyophilized from sterile 20 mM PB, 300 mM NaCl, 10 % glycerol, pH 7.0. Please 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-OC43) Spike S2 Protein consists of 550 amino acids and predicts a molecular mass of 60.7 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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