

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human coronavirus (HCoV-OC43) Spike S2 Protein(AVR40344.1)(Ala766-Pro1304), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	HCoV-OC43
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Ala766-Pro1304
<b>Form</b>	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.
<b>Molecular Mass</b>	The recombinant human coronavirus (HCoV-OC43) Spike S2 Protein consists of 550 amino acids and predicts a molecular mass of 60.7 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	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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