Recombinant HCoV-OC43 Spike protein, His/SUMO-tagged

Cat. No. Spike-255V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HCoV-OC43 Spike protein(15-344aa) was fused to His/SUMO-tagged at N-terminus and expressed in E. coli.
Species	HCoV-OC43
Source	E.coli
ProteinLength	Partial
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	53.6 kDa
AA Sequence	VIGDLKCTSDNINDKDTGPPPISTDTVDVTNGLGTYYVLDRVYLNTTLFLNGYYPTSG STYRNMALKGSVLLSRLWFKPPFLSDFINGIFAKVKNTKVIKDRVMYSEFPAITIGSTF VNTSYSVVVQPRTINSTQDGDNKLQGLLEVSVCQYNMCEYPQTICHPNLGNHRKEL WHLDTGVVSCLYKRNFTYDVNADYLYFHFYQEGGTFYAYFTDTGVVTKFLFNVYLG MALSHYYVMPLTCNSKLTLEYWVTPLTSRQYLLAFNQDGIIFNAEDCMSDFMSEIKC KTQSIAPPTGVYELNGYTVQPIADVYRRKPNLPNCNIEAWLNDK
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	for up to one week.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. 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 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	S
Official Symbol	S
Synonyms	S; 3Spike glycoprotein; S glycoprotein; E2; Peplomer protein) [Cleaved into: Spike protein S1; Spike protein S2; Spike protein S2']
UniProt ID	P36334

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