

Recombinant HCoV-OC43 Spike protein, His&Myc-tagged

Cat. No. Spike-4529H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant HCoV-OC43 Spike protein(P36334)(15-344aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect cell.
Species	HCoV-OC43
Source	Insect Cells
ProteinLength	15-344aa
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	41.5 kDa
AA Sequence	VIGDLKCTSDNINDKDTGPPPISTDTVDVTNGLGTYYYLDRVYLNTTLFLNGYYPTSG STYRNMALKGSVLLSRLWFKPPFLSDFINGIFAKVKNTKVIKDRVMYSEFPAITIGSTF VNTSYSVVVQPRINSTQDGDNKLQGLLEVSVQCQYNMCEYPQTICHPNLGNHRKEL WHLDTGVVSCLYKRNFYTDVNADYLYHFHYQEGGTFYAYFTDTGVVTKFLFNVYLG MALSHYYVMPLTCNSKLTLEYWVTPLTSRQYLLAFNQDGIIFNAEDCMSDFMSEIKC KTQSIAPPTGVYELNGYTVQPIADVYRRKPNLPNCNIEAWLNDK
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated

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freeze-thaw cycles.

Reconstitution

Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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