

Coronavirus OC43 Spike Glycoprotein (S) Recombinant Protein | S recombinant protein

Recombinant Human coronavirus OC43 Spike glycoprotein (S), partial

CATALOG # AAA27034	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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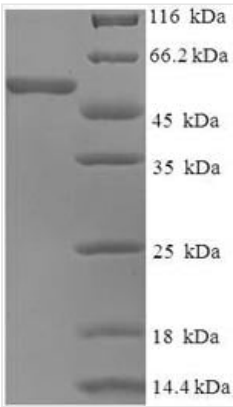
PRODUCT SYNONYMS

Coronavirus OC43 Spike Glycoprotein (S); Recombinant Human coronavirus OC43 Spike glycoprotein (S); partial; S; 3; Spike glycoprotein; S glycoprotein; E2; Peplomer protein) [Cleaved into: Spike protein S1; Spike protein S2; Spike protein S2']; S recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	15-344. Partial
Sequence	VIGDLKCTSD NINDKDTGPP PISTDTVDVT NGLGTYVLD RYVLNTTLFL NGYYPTSGST YRNMALKGSV LLSRLWFKPP FLSDFIGIF AKVKNTKVIK DRVMYSEFPA ITIGSTFVNT SYSVVVQPRT INSTQDGNK LQGLLEVSVQ QYNMCEYPQT ICHPNLGNHR KELWHLDTGV VSCLYKRNFY YDVNADYLYF HFYQEGGTFY AYFTDTGVVT KFLFNVYLG M ALSHYVYV M PL TCNSKLTLEY WVTPLTSRQY LLA FNQDGII FNAEDCMSDF MSEIKCKTQS IAPPTGVYEL NGYTVQPIAD VYRRKPNLPN CNIEAWLNDK
Species	Human coronavirus OC43 (HCoV-OC43)
Subcellular Location	Spike protein S2: Virion membrane; Single-pass type I membrane protein; Host endoplasmic reticulum-Golgi intermediate compartment membrane; Single-pass type I membrane protein; Note=Accumulates in the endoplasmic reticulum-Golgi intermediate compartment; where it participates in virus particle assembly; Some S oligomers may be transported to the plasma membrane; where they may mediate cell-cell fusion (By similarity); SUBCELLULAR LOCATION: Spike protein S1: Virion membrane; Peripheral membrane protein; Host endoplasmic reticulum-Golgi intermediate compartment membrane; Peripheral membrane protein
Protein Families	Betacoronaviruses spike protein family
Buffer	"If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. Note: If you have any special requirement for the glycerol content, please remark when you place the order. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

IMAGES



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Related Product Information for S recombinant protein	S1 attaches the virion to the cell membrane by interacting with sialic acid-containing cell receptors, initiating the infection.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38018026
UniProt Accession #	P36334
Molecular Weight	53.6 kDa
UniProt Protein Name	Spike glycoprotein
UniProt Gene Name	S
UniProt Synonym Gene Names	S glycoprotein
UniProt Entry Name	SPIKE_CVHOC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/s-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/27034>