

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

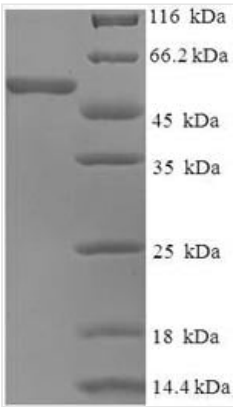
PRODUCT SYNONYMS

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 RVYLNNTTLFL NGYYPTSGST YRNMALKGSV LLSRLWFKPP FLSDFIGIF AKVKNTKVIK DRVMYSEFPA ITIGSTFVNT SYSVVVQPRT INSTQDGNK LQGLLEVSVQ QYNMCEYPQT ICHPNLGNHR KELWHLDTGV VSCLYKRNFY YDVNADYLYF HFYQEGGTFY AYFTDTGVVT KFLFNVYLGML ALSHYVYVPL 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://www.aaabiotech.com/s-recombinant-protein-e-coli/27034>