

SARS Spike protein S1 Recombinant Protein | SARS recombinant protein

SARS Spike protein S1 Recombinant Fc

CATALOG #	HOST
AAA76398	CHO cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

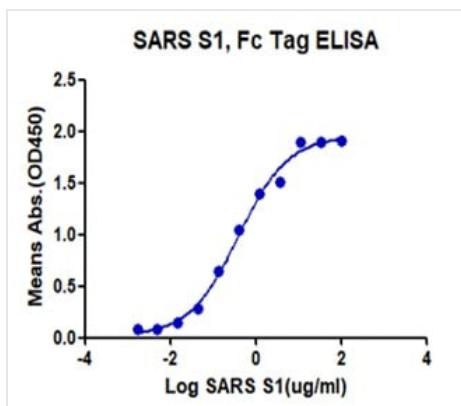
PRODUCT SYNONYMS

SARS Spike protein S1; SARS Spike protein S1 Recombinant Fc; SARS recombinant protein

PRODUCT SPECIFICATIONS

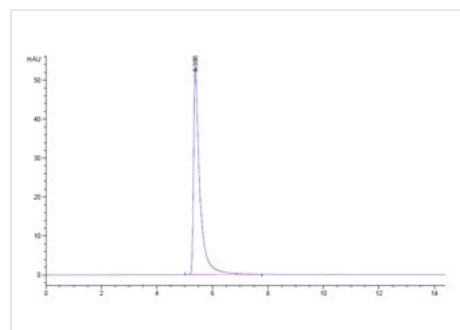
Host	CHO cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE.
Source	DNA sequence encoding extracellular domain of SARS Spike protein [13-756] accession#Q0ZME7 was including an C terminal human IgG1 tag expressed CHO cells.
Biological Process	Virus-entry-into-host-cell, Host-virus-interaction, Virulence
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C. Upon reconstitution, this protein can be stored in working aliquots at 2 degree -8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



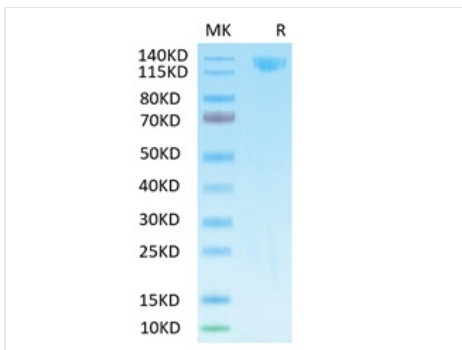
Application Data

SARS (hcov) Spike S1 Fc ELISA Functional ELISA showing immobilized Human ACE2, the calculated EC50 was determined to be 0.4ug/ml .



Application Data

SARS (hcov) Spike S1 Fc HPLC The purity of SARS hCov Spike S1 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

SARS (hcov) S1 Fc PAGETris-Bis PAGE under reducing condition. The purity is greater than 95%

ADDITIONAL INFORMATION

Product Categories/Family for SARS recombinant protein

Viral Antigens; SARS antigens

NCBI AND UNIPROT INFORMATION

NCBI GI #	30173397
NCBI GeneID	1489668
UniProt Accession #	P59594; Q9BYF1 ACE2_HUMAN
Molecular Weight	139,125 Da
NCBI Official Full Name	Spike glycoprotein
NCBI Official Symbol	S
NCBI Official Synonym Symbols	E2
NCBI Protein Information	E2 glycoprotein precursor; spike glycoprotein
UniProt Protein Name	Spike glycoprotein
UniProt Gene Name	S
UniProt Synonym Gene Names	S glycoprotein
UniProt Entry Name	SPIKE_CVHSA

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-cho-cells/76398>