

SARS Spike RBD Recombinant Protein | SARS recombinant protein

Biotinylated SARS Spike RBD Protein Recombinant

CATALOG #	HOST
AAA76196	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

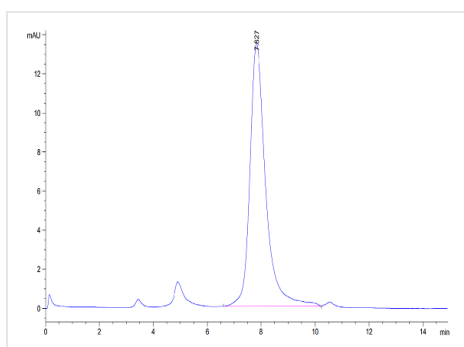
PRODUCT SYNONYMS

SARS Spike RBD; Biotinylated SARS Spike RBD Protein Recombinant; SARS recombinant protein

PRODUCT SPECIFICATIONS

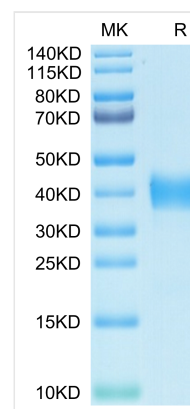
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant SARS Spike RBD was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding SARS Spike RBD including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Biological Process	Virus-entry-into-host-cell, Host-virus-interaction, Virulence
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



Application Data

Biotinylated SARS Spike RBD Protein SEC-HPLC The purity of Biotinylated SARS RBD is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated SARS Spike RBD Protein Tris-Bis PAGE Biotinylated SARS RBD on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for SARS recombinant protein	Biotinylated proteins
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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-hek293-cells/76196>