

SARS Associated Coronavirus Spike Active Protein | SARS active protein

Recombinant SARS Associated Coronavirus Spike (14-1195 a.a.)

CATALOG # AAA38073	HOST Sf9, Baculovirus cells
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PRODUCT SYNONYMS

SARS Associated Coronavirus Spike; Recombinant SARS Associated Coronavirus Spike (14-1195 a.a.); SARS Spike (14-1195); SARS Associated Coronavirus Spike (14-1195 a.a.) Recombinant; Spike glycoprotein; S glycoprotein; Peplomer protein; E2 glycoprotein precursor; Severe acute respiratory Syndrome-related Coronavirus; SARS; SRAS-CoV; SARS-CoV1; E2; SARS active protein

PRODUCT SPECIFICATIONS

Host	Sf9, Baculovirus cells
Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	Sterile filtered colorless solution. The SARS Spike (14-1195) solution (0.25mg/ml) contains Phosphate-Buffered Saline (pH7.4) and 10% Glycerol.
Sequence Positions	14-1195aa
Sequence	SDLDRCTTFD DVQAPNYTQH TSSMRGVYYP DEIFRSDTLY LTQDLFLPFY SNVTGFHTIN HTFGNPVIFP KDGIYFAATE KSNVVRGWVF GSTMNNKSQS VIIINNSTNV VIRACNFELC DNPFFAVSKP MGTQTHTMIF DNAFNCTFEY ISDAFSLDVS EKSGNFKHLR EFVFNKNDGF LYVYKGYQPI DVVRDLPSGF NTLKPIFKLP LGINITNFRA ILTAFSPAQD IWGTSAAYF VGYLKPTTFM LKYDENGIT DAVDCSQNPL AELKCSVKSF EIDKGIYQTS NFRVVPBGDV VRFPNITNLC PFGEVFNATK FPSVYAWERK KISNCVADYS VLYNSTFFST FKCYGVSATK LNDLCFSNVY ADSFVVKGDD VRQIAPGQTG VIADYNYKLP DDFMGCVLAW NTRNIDATST GNYNYKYRYL RHGKLRPFER DISNVPFSPD GKPCTPPALN CYWPLNDYGF YTTTGIGYQP YRVVLSFEL LNPATVCGP KLSTDLIKNQ CVNFNFNGLT GTGVLTPSSK RFQPFQQFGR DVSDFTDSVR DPKTSEILDI SPCAFGGVSV ITPGTNASSE VAVLYQDVNC TDVSTAIHAD QLTPAWRIYS TGNNVFQTQA GCLIGAEHVD TSYECDPIG AGICASYHTV SLLRSTSQKS IVAYTMSLGA DSSIAYSNNNT IAIPTNFSIS ITTEVMPVSM AKTSVDCNMY ICGDSTECAN LLLQYGSFCT QLNRLSGIA AEQDRNTREV FAQVKQMYKT PTLKYFGGFN FSQILPDPLK PTKRSFIEDL LFNKVTLADA GFMKQYGECL GDINARDLIC AQKFNGLTVL PPLLTDDMIA AYTAALVSGT ATAGWTFGAG AALQIPFAMQ MAYRFNGIGV TQNVLYENQK QIANQFNKAI SQUIESLTTT STALGKLQDV VNQNAQALNT LVKQLSSNFG AISSVLNDIL SRLDKVEAEV QIDRLITGRL QSLQTYVTQQ LIRAAEIRAS ANLAATKMSE CVLGQSKRVD FCGKGYHLMS FPQAAPHGVV FLHVTYVPSQ ERNFTTAPAI CHEGKAYFPR EGVFVFNQTS WFITQRNFFS PQIITTDNTF VSGNCDVVIG IINNTVYDPL QPELDSFKEE LDKYFKNHTS PDVDLGDIG INASVNIQK EIDRLNEVAK NLNESLIDLQ ELGKYEQYIK WPHHHHHH
Biological Activity	Measured by its binding ability in a functional ELISA with Human ACE-2
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Freeze at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for SARS active protein	SARS Spike produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 1188 amino acids (14-1195 aa) and having a molecular mass of 131.9kDa. SARS Spike is fused to a 6 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for SARS active protein	VIRAL ANTIGENS- SARS PROTEINS

NCBI AND UNIPROT INFORMATION

NCBI GI #	30173397
NCBI GeneID	1489668
UniProt Accession #	P59594; Q6QU82; Q7T696; Q7TA19; Q7TFA2; Q7TFB1; Q80BV6
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://stage.aaabiotech.com/sf9-baculovirus-cells-active-protein/sars-associated-coronavirus-spike/38073>