

viral SARS S (mid-region mosaic protein)

Alternate names:	E2, Peplomer protein, S glycoprotein, SARS-CoV S, Severe acute respiratory syndrome coronavirus Spike glycoprotein
Catalog No.:	AR05137PU-N
Quantity:	0.5 mg
Background:	The SARS (severe acute respiratory syndrome) coronavirus is an enveloped virus containing three outer structural proteins: the membrane(M); the spike(S) and the envelope(E) proteins. The spike glycoprotein mediates membrane fusion to allow viral entry into target cells.
Uniprot ID:	P59594
NCBI:	227859
Species:	viral
Source:	Viral
Format:	State: Liquid purified protein Purity: >95% by SDS PAGE Buffer System: 25mM Tris-HCl containing 0.4% Sarcosyl0., 25% Triton-100 and 50% Glycerol
Applications:	ELISA. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	This antigen is an <i>E. coli</i> -derived recombinant mosaic protein corresponding to the N-terminal region (amino acids 12-53, 90-115 and 171-203) of the SARS coronavirus spike glycoprotein. Molecular weight: 38 kDa
Storage:	Store the protein undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.