Recombinant SARS-Associated Coronavirus Spike Mosaic S(M) Protein

Cat. No. Mosaic-771C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SARS-ACSM contains the middle section of the Spike protein immunodominant fragments, amino acids: 408-470, 540-573. SARS-ACSM is purified by proprietary chromatographic techniques.
Species	Coronavirus
Source	E.coli
Description	The spike (S) glycoprotein of coronaviruses mediates viral entry into host cells. Spike (S)-glycoprotein of the virus interacts with a cellular receptor and mediates membrane fusion to allow viral entry into susceptible target cells. It is a type 1 viral fusion protein that characteristically contains two heptad repeat regions, denoted HR-N and HR-C, that form coiled-coil structures within the ectodomain of the protein. Previous studies have shown that the two heptad repeat regions can undergo a conformational change from their native state to a 6-helix bundle (trimer of dimers), which mediates fusion of viral and host cell membranes .
Form	25 mM Tris-HCl, 0.4% sarcosyl, 0,25% Triton X-100 and 50% glycerol
Molecular Mass	38 kDa
Purity	> 95 % (SDS-PAGE)
Applications	ELISA; Western Blot

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20 centigrade, avoid freeze/thaw cycles.

GENE INFORMATION

Official Symbol	Mosaic
Synonyms	Mosaic

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA