

Recombinant SARS Coronavirus Spike Glycoprotein Mosaic (S2) protein

Cat. No. Spike-204V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS Coronavirus Spike Glycoprotein Mosaic (S2) protein was expressed in E.coli. Mosaic protein contains the middle section of the Spike protein 408-470, 540-573 amino acids immunodominant regions.
Species	SARS-CoV
Source	E.coli
ProteinLength	408-470;540-573 a.a.
Description	Spike protein S2: Mediates fusion of the virion and cellular membranes by acting as a class I viral fusion protein. Under the current model, the protein has at least three conformational states: pre-fusion native state, pre-hairpin intermediate state, and post-fusion hairpin state. During viral and target cell membrane fusion, the coiled coil regions (heptad repeats) assume a trimer-of-hairpins structure, positioning the fusion peptide in close proximity to the C-terminal region of the ectodomain. The formation of this structure appears to drive apposition and subsequent fusion of viral and target cell membranes.
Form	Liquid. 25mM Tris-HCl, 0.4% sarcosyl, 0.25% Triton X-100 and 50% glycerol.
Molecular Mass	38 kDa
Purity	>95% as determined by 10% PAGE (coomassie staining).

 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

Applications	ELISA, Western blot.
Storage	Upon arrival, store at below -18 centigrade.
Shipping	Dry Ice.
Warning	For Research Use Only.
GENE INFORMATION	
Synonyms	sars2; E2; sars3a

 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