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## Product Data Sheet

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Product Name: SARS Mosaic S(N)

Cat. No.: GP25163

Batch No.: 1

### Product Data

Purity >98%

Source

Physical  
Appearance solid

Shipping  
Condition Shipped with Ice Packs.

Formulation 25mM Tris-HCl, 0.4% sarcosyl, 0.25% Triton X100 and 50% glycerol.

### Introduction

SARS Coronavirus is an enveloped virus containing three outer structural proteins, namely the membrane (M), envelope (E), and spike (S) proteins. Spike (S)-glycoprotein of the virus interacts with a cellular receptor and mediates membrane fusion to allow viral entry into susceptible target cells. Accordingly, S-protein plays an important role in virus infection cycle and is the primary target of neutralizing antibodies.

### Stability

SARS Mosaic protein is shipped at ambient temperature. Upon arrival, store at -20C.

### Background

The E.Coli derived 38 kDa mosaic protein contains the N-terminal section of the Spike protein 12-53, 90-115, 171-203 amino acids immunodominant regions.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA