
Product Data Sheet

Product Name: SARS Core (1-49,192-220 a.a.)

Cat. No.: GP25168

Batch No.: 1

Product Data

Purity >98%

Source

Physical Appearance solid

Shipping Condition Shipped with Ice Packs.

Formulation 50mM Tris-HCl, 60mM NaCl 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 Core protein is shipped at ambient temperature. Upon arrival, store at -20C.

Background

The E.Coli derived 35 kDa recombinant protein contains Nucleocapsid protein 1-49, 192-220 amino acids immunodominant regions. The 2 regions are separated with 3 glycine residues.

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

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