
Product Data Sheet

Product Name: SARS Spike (306-527)

Cat. No.: GP26386

Batch No.: 1

Product Data

Purity	>98%	Source	HEK293
Physical Appearance	solid	Shipping Condition	atRoomtemp.
Formulation	SARSSpike S glycoprotein RBD is lyophilized from 1x PBS pH-7.4 + 5% trehalose.		

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 Spike S1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SARS Spike protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Background

The HEK293 derived recombinant protein contains the SARS Coronavirus spike S glycoprotein Receptor Binding Domain, amino acids 306-527 fused to His tag at C-terminal.

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

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