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## Product Data Sheet

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Product Name: SARS Envelope  
Cat. No.: GP25171  
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 Envelope Protein is shipped at ambient temperature. Upon arrival, store at -20C.

### Background

The E.coli derived 34 kDa recombinant protein contains the N-terminus Envelope protein 1-76 amino acids immunodominant regions.

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

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