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## Product Data Sheet

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Product Name: CoV-229E  
Cat. No.: GP25172  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	PBS and 3M Urea.		

### Introduction

Human coronavirus 229E is a single-stranded, positive-sense, RNA virus species in the Alphacoronavirus genus of the subfamily Coronavirinae, in the family Coronaviridae, of the order Nidovirales. There are four globally distributed known human coronaviruses - HCoV-229E, HCoV-HKU1, HCoV-NL63 and HCoV-OC43, which are found in different locations around the world at different times of the year. Coronavirus 229E and Human coronavirus OC43 are known to be the cause for the common cold. HCoV-229E is related to large range of respiratory symptoms, from the common cold to high-morbidity diseases such as pneumonia and bronchiolitis. Additionally, between the Coronaviruses, HCoV-229E is the most frequently co-detected with other respiratory viruses, mainly with HRSV (Human respiratory syncytial virus).

### Stability

Coronavirus 229E Recombinant although stable at 4°C for 1 week, should be stored below -18°C .

### Background

The Recombinant Human Coronavirus 229E, E.Coli derived, 359 amino acids, contains the nucleocapsid immunodominant regions. The protein is fused to a 6xHis tag at C-terminal and purified by standard chromatography techniques.

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

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