

## Human Respiratory Syncytial Virus B (RSV-B) Fusion Glycoprotein F0, Fc Tag, HEK293

**Catalog Number** LDG024PVM

**Package** 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

Human Respiratory Syncytial Virus B

#### Expression System

HEK293

#### Affinity Tag

Human IgG1 Fc tag (C-term)

#### Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Molecular weight

The protein has a calculated MW of 81.64 kDa. The protein migrates as 70 kDa under reducing condition (SDS-PAGE analysis).

#### Form

Lyophilized

### Background

#### Tainan Headquarters

+886-6-2536677

bd@leadgene.com.tw

#### Innovation & Research Center

+886-2-27065528

#### CLD Center

+886-6-2536677

### Background

Human Respiratory Syncytial Virus B is a type of virus that causes respiratory infections in humans, particularly in young children and the elderly. One of the key components of the virus is the Fusion Glycoprotein F0, which plays a critical role in the virus's ability to enter and infect cells. The Fusion Glycoprotein F0 is initially synthesized as a precursor protein, known as F0, which is then cleaved into two subunits, F1 and F2. These subunits then combine to form the functional protein, which is responsible for mediating the fusion of the virus with host cells. The Fusion Glycoprotein F0 is a major target for the development of vaccines and antiviral therapies against RSV-B, as it is essential for the virus's infectivity. Studies have shown that antibodies targeting the F0 protein can effectively neutralize the virus and prevent infection.

### Sequence Note

Gln27-Asn524

### Uniprot ID

#P13843

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

### Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

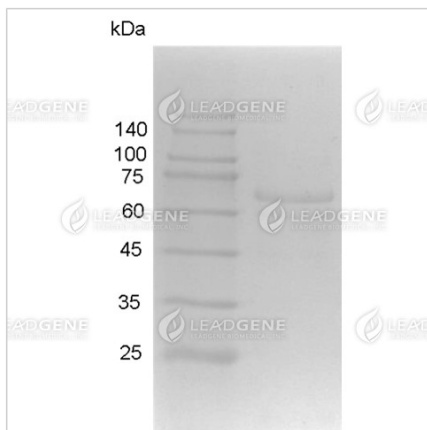
### Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

### Image



SDS-PAGE analysis of Human  
 Respiratory Syncytial Virus B (RSV-B)  
 Fusion Glycoprotein F0, Fc Tag,  
 HEK293

**Disclaimer :** For Research Use or Further Manufacturing Only.