

General Information

Protein Construction

A DNA sequence encoding glycoprotein G of the Hendra virus (isolate Horse/Australia/Hendra/1994) (AAC83193.2) (Gln71-Ser604) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

HeV

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per μg protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 71

Molecular Mass

The recombinant glycoprotein G of Hendra virus (isolate Horse/Australia/Hendra/1994) consists 772

amino acids and predicts a molecular mass of 86.3 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

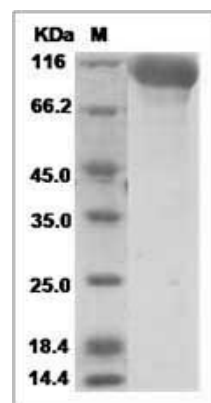
Store it under sterile conditions at -20°C to -80°C .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Hendra virus (HeV) (isolate Horse/Australia/Hendra/1994) Glycoprotein Protein (Fc Tag)