

# HTNV (His Tag) recombinant protein



Catalog Number: 504890

## General Information

### Protein Construction

A DNA sequence encoding the hantaan virus (strain 84FLi) NP (AAK66740.1) (Met1-Leu429) was expressed with a polyhistidine tag at the C-terminus.

### Organism

HTNV

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 80 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Met

### Molecular Mass

The recombinant hantaan virus (strain 84FLi) NP consists of 440 amino acids and predicts a

molecular mass of 49.7 kDa.

### Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 20 % glycerol, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

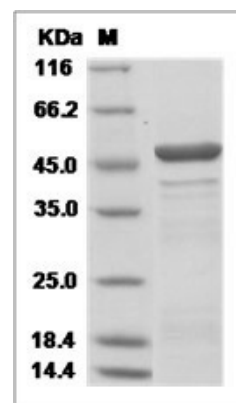
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



Hantaan virus HTNV (strain 84FLi) Nucleocapsid / NP Protein (His Tag)