

## Recombinant Sin Nombre Virus Glycoprotein (Gn) minus the Transmembrane Domain (SNV Gn $\Delta$ TM)

Catalog #: 0517-001

### Description:

Recombinant, HIS-tagged Sin Nombre Virus Glycoprotein (Gn) minus the transmembrane domain (SNV Gn $\Delta$ TM) is supplied as purified protein. The recombinant protein is produced in mammalian cells and is purified by FPLC.

**Formulation & Storage:** Supplied in 20mM TrisHCl pH-8, 0.15M NaCl, 5% Sucrose. Store at: -20°C for 1 week, -80°C for long term.

### Notes & Usage Guidelines:

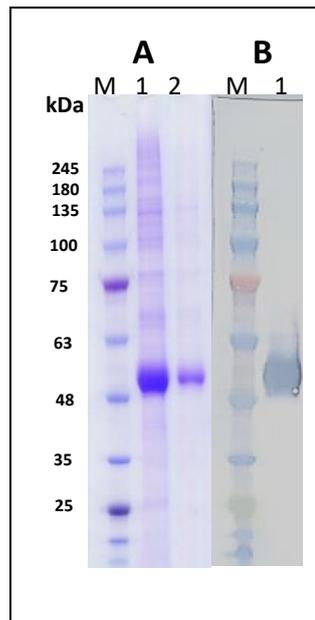
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

## Applications

SDS-PAGE and Western Blot Data:

(A) SDS-PAGE and stain demonstrating 3  $\mu$ g, 1  $\mu$ g of SNV Gn $\Delta$ TM HIS-Tag protein under denaturing and reducing conditions (Lanes 1 and 2, respectively). MW denotes CozyHi prestained protein markers. (B) Western blot detection of SNV Gn $\Delta$ TM at 200 ng under denaturing and reducing conditions (Lane 1). SNV Gn $\Delta$ TM was detected using mouse Anti-HIS at 1:1000 dilution and anti-mouse IgG-HRP conjugate, followed by TMB substrate.



### Capture ELISA Data:

SNV (Gn $\Delta$ TM) was coated to a plate at a concentration of 2  $\mu$ g/mL in PBS. Mouse Anti-Sin Nombre Virus GP polyclonal antibody (IBT Cat# 0309-001) was serially diluted semi-log from 5  $\mu$ g/mL and incubated with the coated plate. Washed plates were detected with anti-mouse HRP conjugate and TMB substrate. OD<sub>650</sub> was reported below.

Antibody Concentration ( $\mu$ g/mL)	Average OD <sub>650</sub>
5.0000	2.9705
1.5823	2.7073
0.5007	2.25875
0.1585	1.51365
0.0501	0.7525
0.0159	0.44195
0.0050	0.19475
0.0016	0.1632
0.0005	0.1482
0.0002	0.1495
0.0001	0.09755

### Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at [services@ibtbioservices.com](mailto:services@ibtbioservices.com)

### Related Products:

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