

Recombinant Sudan virus Glycoprotein minus the Transmembrane Region (SUDV rGPΔTM)

Catalog #: 0502-001

Lot #: 2307001

Description:

Mature, recombinant, HA-tagged Sudan virus Glycoprotein minus the transmembrane domain (SUDV rGPΔTM) is supplied as purified protein. SUDV rGPΔTM is produced in mammalian cells and is purified by FPLC.

Formulation & Storage: Supplied in PBS. Store at -20°C for 2-3 weeks, -80°C for long-term.

Notes & Usage Guidelines:

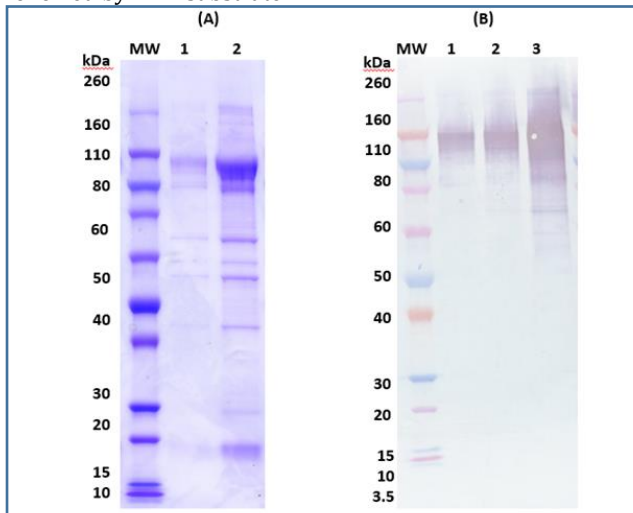
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

SDS-PAGE and Western Blot Data:

(A) SDS-PAGE and stain demonstrating 1 μg, 5 μg (Lanes 1 and 2 respectively) of SUDV rGPΔTM HA-Tag protein under denaturing and reducing conditions. MW denotes Novex Sharp prestained protein markers. (B) Western blot detection of SUDV rGPΔTM at 50 ng, 100 ng, and 500 ng (Lanes 1-3). SUDV rGPΔTM was detected using IBT's monoclonal antibody 2H5 (Catalog # 0202-029) at 0.5 μg/mL and anti-mouse IgG-HRP conjugate, followed by TMB substrate.



ELISA Data:

Plate was coated with SUDV rGPΔTM starting at 800 ng/well, serially diluted in DPBS. Washed plate was detected using one dilution of a positive control serum, followed with anti-IgG HRP conjugate and TMB substrate. OD650 is reported below.

ELISA Data

SUDV GPΔTM ng/well	OD 650 nm
800.00	3.382
400.00	3.350
200.00	3.414
100.00	3.474
50.00	3.460
25.00	3.454
12.50	3.283
6.25	2.906

Certificate of Testing for:

Lot#: **2307001**

Volume: 100 μg

Concentration: 0.768 mg/mL

Related Products:

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