

Recombinant Reston Ebolavirus Glycoprotein minus the Transmembrane Region (REBOV rGPΔTM)

Catalog #: 0504-015

Description:

Mature, recombinant, His-tagged Reston ebolavirus glycoprotein minus the transmembrane domain (REBOV rGPΔTM) is supplied as purified protein. REBOV rGPΔTM is produced in Sf9 insect cells using baculovirus for expression and is purified by column chromatography.

Formulation & Storage: Supplied in PBS and supplemented with 10% glycerol, arginine and glutamic acid. **Store at** -20°C for 2-3 weeks, -80°C for long-term.

Notes & Usage Guidelines:

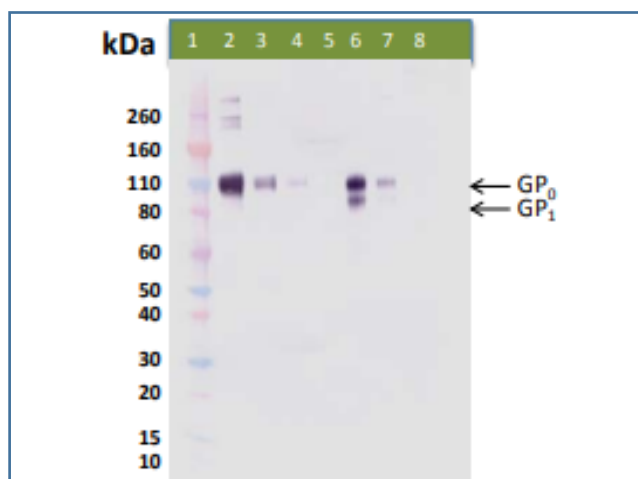
ELISA: N/A

WB: Assay-dependent dilution

Applications

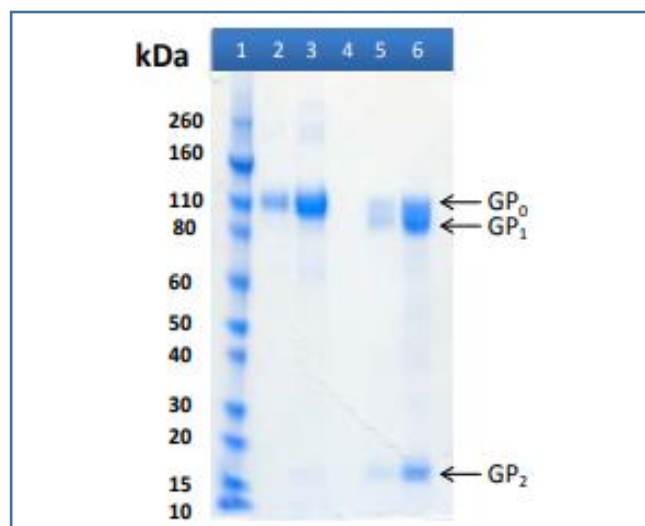
Western Blot Data:

Western blot detection of REBOV rGPΔTM at 500 ng (Lanes 2 and 6), 100 ng (Lanes 3 and 7) and 50 ng (Lanes 4 and 8) under nonreducing (Lanes 2-4) and reducing conditions (Lanes 6-8). Detected with IBT's rabbit anti-REBOV GP pAb (Catalog # 0305-001) at 500 ng/mL and an anti-mouse AP conjugate followed by substrate. Lane 1 denotes Novex MW markers. Lane 5 was intentionally left blank.



SDS-PAGE Data:

SDS-PAGE and stain demonstrating 1 μg (Lanes 2 and 5) and 5 μg (Lanes 3 and 6) of REBOV rGPΔTM protein under nonreducing (Lanes 2 and 3) and reducing conditions (Lanes 5 and 6). Lane 1 denotes Novex MW markers. Lane 4 was intentionally left blank.



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

Related Products:

IBT provides a wide array of anti-filovirus specific antibodies, recombinant proteins, and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.