



# Recombinant Musoke marburgvirus Glycoprotein minus the Transmembrane Region (MMARV rGPΔTM) His-tag

Catalog #: 0503-001

## **Description:**

Mature, recombinant, His-tagged Musoke marburgvirus Glycoprotein minus the transmembrane domain (MMARV rGP $\Delta$ TM) is supplied as a purified protein. MMARV rGP $\Delta$ TM is produced in mammalian cells and is purified by FPLC.

**Formulation & Storage:** Supplied in PBS and supplemented with glycerol, arginine and glutamic acid. **Store at** +4°C for 2-3 weeks, -80°C for long-term.

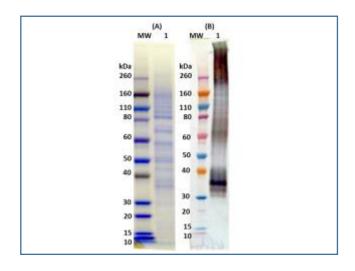
# **Notes & Usage Guidelines:**

**ELISA:** Assay-dependent dilution **WB:** Assay-dependent dilution

# **Applications**

#### SDS-PAGE and Western Blot Data:

(A) SDS-PAGE and stain demonstrating 3  $\mu g$  of MMARV rGP $\Delta$ TM His-tagged protein (Lane 1) under denaturing and reducing conditions. MW denotes Novex® Sharp pre-stained protein markers. (B) Western blot detection of MMARV rGP $\Delta$ TM Histagged at 500 ng (Lane 1) using IBT's anti-MARV GP polyclonal antibody (Catalog # 0303-007) at 0.5  $\mu g/mL$  and anti-rabbit IgG-HRP conjugate, followed by TMB membrane substrate.



#### **ELISA Data:**

Plate was coated with MMARV rGP $\Delta$ TM His-tagged 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. Background of MMARV rGP $\Delta$ TM coated plate without positive control serum was 0.055 OD650.

Coating amount MMARV GP∆TM (ng/well)	OD 650 nm
800.000	3.362
400.000	3.401
200.000	3.353
100.000	3.293
50.000	3.073
25.000	2.706
12.500	2.177
6.250	1.549
3.125	0.921
1.563	0.494
0.781	0.282
0.391	0.187

#### **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.

The buyer cannot sell or otherwise transfer this product for Commercial Purposes without written approval of Integrated BioTherapeutics, LLC.