

# Recombinant AMARV GPDTM

Catalog No: tcip3009



## Available Sizes

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**Size:** 100µg

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**Size:** 500µg

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## Specifications

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**Application:**

ELISA, WB

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**Research Area:**

Virology

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**Form:**

Frozen Liquid

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**Concentration:**

Supplied in PBS (supplemented with glycerol, arginine and glutamic acid) at a concentration of 0.592mg/mL.

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**Recommended Dilution:**

Western Blot: Quality control testing demonstrates strong detection of GP null and GP2 under reduced conditions.

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**Purity / Grade:**

Column chromatography

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**Storage Instruction:**

2-3 weeks at -20°C, -80°C long term

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**Relevance:**

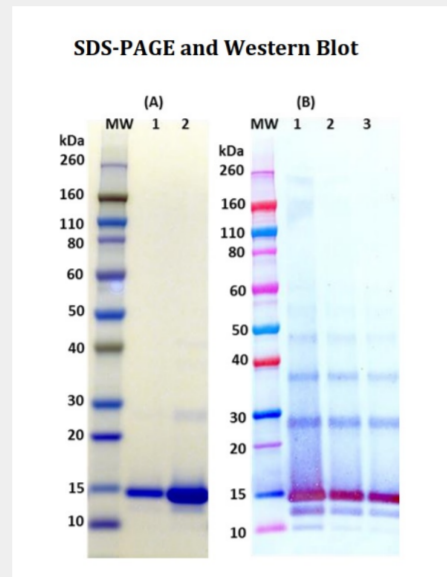
Recombinant glycoprotein provides a means for antibody development, control protein for testing, and a tool to enhance research.

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## Product Description

Mature, recombinant, His-tagged Angola marburgvirus Glycoprotein minus the transmembrane domain

(MARV-Angola rGPΔTM) is supplied as purified protein. MARVAngola rGPΔTM is produced in Sf9 insect cells using baculovirus for expression and is purified by FPLC.



(A) SDS-PAGE of LASV Z: 1 µg (lane 1) and 5 µg (lane 2). ; (B) Western blot detection of LASV Z at 100 ng, 50 ng and 25 ng (lanes 1-3), using IBT's rabbit anti-LASV Z polyclonal antibody (cat # 0307-002) at 0.1 µg/mL and an anti-rabbit IgG-HRP conjugate followed by substrate.

#### ELISA

Lassa Z (ng/well)	OD 650 nm
25.000	3.964
12.500	3.747
6.250	3.748
3.125	3.685
1.563	3.587
0.781	3.275
0.391	2.610
0.195	1.722
0.098	0.952
0.049	0.494
0.024	0.281
0.012	0.178

Plate was coated with LASV Z starting at 25 ng/well, serially diluted two-fold in DPBS. ; Washed plate was detected using 10 µg/mL of Rabbit anti-LASV Z pAb followed with anti-rabbit IgG HRP conjugate and TMB substrate. OD 650 is reported.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!