

Recombinant Ebola virus Glycoprotein minus the Transmembrane Region (EBOV rGPΔTM)

Catalog No: tcip3047



Available Sizes

Size: 100μg

Size: 500μg



Specifications

Application:

ELISA, WB

Research Area:

Virology

Concentration:

Supplied in PBS (supplemented with glycerol, arginine and glutamic acid) at a concentration of 1.591 mg/mL

Recommended Dilution:

Western Blot: Quality control testing demonstrates strong detection of GP null and GP1 under reduced conditions.

Storage Instruction:

2-3 weeks at -20°C, long term It is recommended to dispense single-use aliquots and store aliquots at -80°C to avoid multiple freeze/thaw cycles

Relevance:

Recombinant glycoprotein provides a means as a control protein for immunoassays and a tool to enhance research.

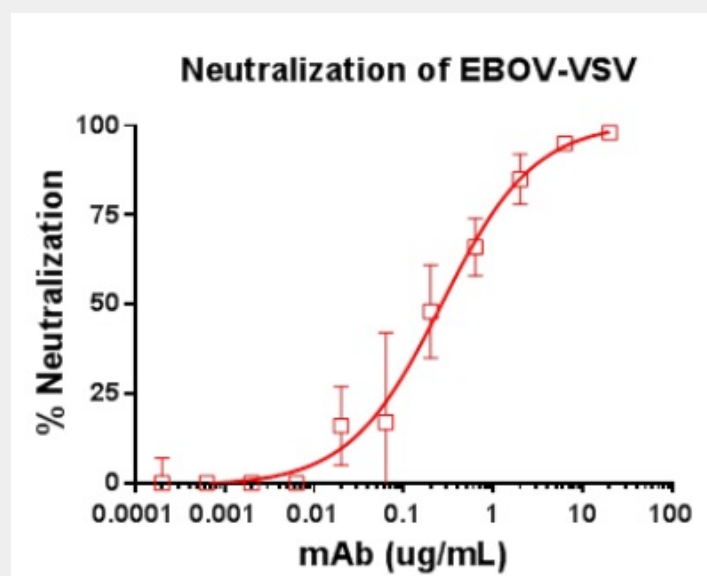
Product Description

Mature, recombinant, His-tagged Ebola

virus Glycoprotein minus the transmembrane domain

(EBOV rGPΔTM) is supplied as purified protein. EBOV

rGPΔTM is produced in Sf9 insect cells using baculovirus for expression and is purified by FPLC.



Anti-EBOV human mAb KZ52, starting at 50 µg/mL followed by serial dilutions, was incubated with the rVSV pseudotyped with EBOV GP, for one hour prior to adding to Vero cells. Infectivity was determined the next day by assessing luciferase activity. Percent neutralization was calculated based on the control (rVSV pseudotyped with EBOV GP, alone)

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