

Recombinant RESTV GPDTM

Catalog No: tcip3007



Available Sizes

Size: 100µg



Specifications

Application:

ELISA, WB

Research Area:

Virology

Form:

Frozen Liquid

Concentration:

Supplied in PBS (supplemented with 10% glycerol, arginine and glutamic acid) at a concentration of 1.14 mg/mL. The theoretical molecular weight of the protein is ~72 kDa including the His-tag, without glycosylation. Because of the glycosylated nature of t

Recommended Dilution:

Quality control testing demonstrates strong detection of GP null and GP1 under reduced conditions when using Rabbit anti-REBOV GP polyclonal antibody

Purity / Grade:

Column chromatography

Storage Instruction:

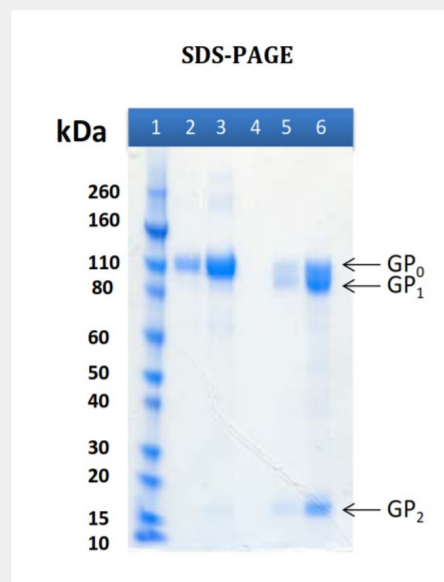
2-3 weeks at -20°C, -80°C long term

Relevance:

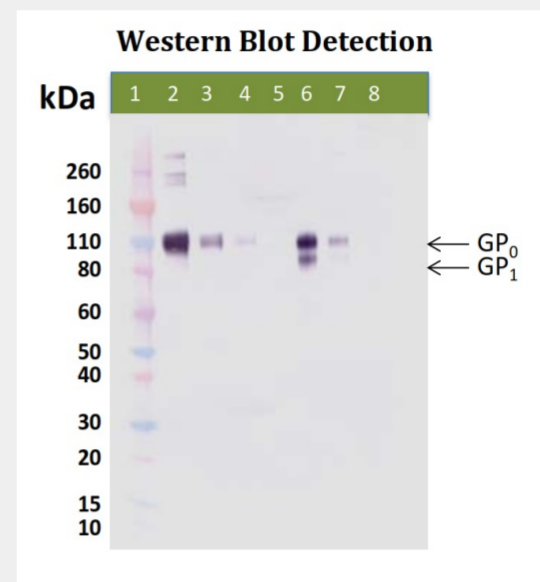
Recombinant REBOV glycoprotein provides a means as a control protein for immunoassays and a tool to enhance Filovirus research.

Product Description

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



SDS-PAGE and stain demonstrating 1 µg (lanes 2 and 5) and 5 µg (lanes 3 and 6) of rREBOV GPdTM 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



Western blot detection of rREBOV GPdTM 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 Taiclone's rabbit anti-REBOV GP pAb 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.

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