

Recombinant WEEV E2 GP (E3E2)

Catalog No: tcip3023



Available Sizes

Size: 100µg



Specifications

Application:

ELISA, WB

Research Area:

Virology

Form:

Frozen Liquid

Concentration:

Supplied in PBS (supplemented with glycerol, arginine and glutamic acid) at a concentration of 0.615 mg/mL (Lot dependent)

Purity / Grade:

Column chromatography

Storage Instruction:

2-3 weeks at -20°C, -80°C long term

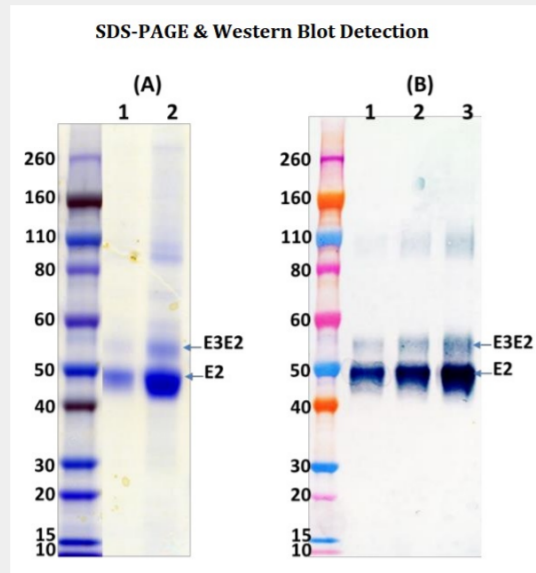
Relevance:

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

Product Description

Recombinant, His-tagged WEEV

E3E2 glycoprotein expressed in Sf9 insect cells using recombinant baculovirus and purified by FPLC.



(A) SDS-PAGE and stain demonstrating 1 µg and 5 µg (lanes 1-2) of WEEV E3E2/E2 protein under denaturing and reducing conditions. MW denotes Novex Sharp prestained protein markers. (B) Western blot detection of WEEV E3E2/E2 protein at 50 ng, 100 ng, and 200 ng (lanes 1-3) using Taiclone's anti-WEEV E2 rabbit polyclonal antibody (Cat# tcia169) at 0.25 µg/mL and antirabbit IgG-HRP conjugate, followed by TMB substrate.

ELISA Data:

Antigen coating Concentration in ng/well	OD 650 nm
800.000	3.863
400.000	3.831
200.000	3.739
100.000	3.568
50.000	3.123
25.000	2.296
12.500	1.382
6.250	0.734
3.125	0.394
1.563	0.228
0.781	0.132
0.391	0.090

Plate was coated with WEEV E3E2/E2 starting at 800 ng/well, serially diluted in DPBS. Washed plate was detected using Rabbit Anti-WEEV E2 pAb at 1 µg/mL. OD 650 is reported.

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