

Zika virus E protein ectodomain (ZIKV-E)

Catalog: NCP0142

Tag: His-tag

Source: E. coli Expression

BackGround:

Zika virus (ZIKV) is an arbovirus belonging to the genus Flavivirus (Family Flaviviridae) and was first described in 1947 in Uganda following blood analyses of sentinel Rhesus monkeys¹. Until the 20th century, the African and Asian lineages of the virus did not cause meaningful infections in humans. However, in 2007, vectored by *Aedes aegypti* mosquitoes, ZIKV caused the first noteworthy epidemic on the island of Yap in Micronesia². Patients experienced fever, skin rash, arthralgia and conjunctivitis². Zika is spread mostly by the bite of an infected *Aedes* species mosquito (*Ae. aegypti* and *Ae. albopictus*). These mosquitoes bite during the day and night. Zika can be passed from a pregnant woman to her fetus. Infection during pregnancy can cause certain birth defects. There is no vaccine or medicine for Zika.

Product:

Inclusion body; 0.5 mol Urea, PH=8

Molecular Weight:

279bp; 10kDa

Entrez-Gene/ Swiss-Prot:

KU744693.1

Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the

purity is > 85% (by SDS-PAGE).

Applications:

Research

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Information:

Carrier: pET30a-ZIKV-E-His(C-term)

Virus: Zika virus isolate VE_Ganxian

DATA:



Zika virus E protein ectodomain, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 85%.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151