

Kyasanur Forest disease virus E protein ectodomain (KFDV-E)

Catalog: NCP0153

Tag: His-tag

Source: E. coli Expression

BackGround:

Kyasanur Forest Disease (KFD) is a tick-borne viral hemorrhagic disease caused by the Kyasanur Forest Disease Virus (KFDV). The virus is a member of family Flaviviridae, genus flavivirus and categorized as a bio-safety class-4 level pathogen¹. KFDV was first identified and isolated from sick and dead monkeys in the forest regions of Shimoga district situated in the State of Karnataka, India and reported during the year 19572. Eventually, KFD infections were noticed among persons who visited the forests. Monkeys and humans are most susceptible to the KFDV, and the virus gets transmitted through hard ticks belonging to the genus Haemaphysalis. Since the discovery of KFDV, the disease was investigated in and around Karnataka state and it was observed that the KFDV was reported from only five districts of Karnataka namely, Shimoga, Chikkamagalore, Uttara-Kannada, Dakshina-Kannada, and Udupi⁴.

Product:

Inclusion body;0.5mol Urea,PH=8

Molecular Weight:

288bp;11kDa

Entrez-Gene/ Swiss-Prot:

D7RF80

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:

Reseach

Storage&Stability:

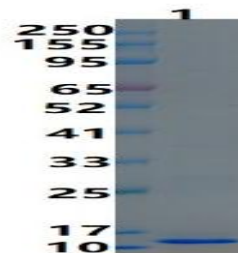
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Information:

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

Virus:Kyasanur Forest disease virus E protein

DATA:



Kyasanur Forest disease 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