



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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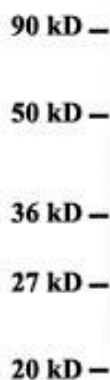
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## Core Protein C (Japanese encephalitis virus)

CATALOG NUMBER: JEV-C-021P, 50 µg

<b>Introduction</b>	Japanese encephalitis virus is an enveloped virus of the genus flavivirus and is closely related to the West Nile virus and St. Louis encephalitis virus. The positive sense single stranded RNA genome is packaged in the capsid which is formed by the capsid protein. The outer envelope is formed by envelope (E) protein and is the protective antigen. It aids in entry of the virus to the inside of the cell. The genome also encodes several nonstructural proteins also (NS1,NS2a,NS2b,NS3,N4a,NS4b,NS5). NS1 is produced as secretory form also. NS3 is a putative helicase, and NS5 is the viral polymerase. It has been noted that the Japanese encephalitis virus (JEV) infects the lumen of the endoplasmic reticulum (ER) and rapidly accumulates substantial amounts of viral proteins for the JEV.
<b>Application</b>	Western blot standard, antibody ELISA, antigen, etc.
<b>Description</b>	Recombinant protein expressed in <i>E. coli</i> .
<b>Viral Protein</b>	N-terminal GST-fusion protein of Core protein C (amino acid 1-123) (Japanese encephalitis virus) (GenBank Accession No. NP_775663).
<b>Storage</b>	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
<b>Concentration</b>	50 µg of lyophilized protein in PBS with 8M Urea. Reconstitute with 100 µl distilled sterile water.
<b>Specificity</b>	≥ 95% purity.



90 kD –  
50 kD –  
36 kD –  
27 kD –  
20 kD –

**SDS-PAGE:** purified Core protein C (Japanese encephalitis virus)