

Recombinant Japanese Encephalitis Virus NS1 Protein, His-tagged

Cat. No. JAP-472 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Japanese Encephalitis Virus NS1 protein is produced entirely from human cell lines using state-of-the-art expression techniques, the same approach which NAC used to develop its well-received Dengue Virus NS1 serotypes and West Nile Virus NS1 protein. Unlike other flavivirus NS1 proteins which secrete as a single hexameric form, Japanese Encephalitis Virus NS1 shows two oligomeric states in approximately equal proportion.
Tag	His
Background	Japanese encephalitis (JE) is the leading cause of viral encephalitis in Asia, with up to 70,000 cases reported annually. Case-fatality rates range from 0.3% to 60% and depend on the population and age. Outbreaks have also occurred in U.S. territories in the Western Pacific. The Japanese encephalitis virus is a flavivirus and is related to the West Nile Virus. The genome encodes several non-structural (NS) proteins and NS1 is produced in a secretory form.
Purity	>95% by SDS-PAGE
Formulation	DPBS pH 7.4, 0.2µm filter sterilised.
Stability	At +4 centigrade: In progress. At <-20 centigrade: In progress.
Freezing	Can be frozen and thawed, but avoid excessive freeze/thaw cycles.

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Applications	Suitable for immunoassay development.
Storage	Short term: +2 centigrade to +8 centigrade Long Term:-80 centigrade
Concentration	0.49 mg/mL
Notes	This product is intended for research and manufacturing uses only. It is not a diagnostic device. The user assumes all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations.
Type	Recombinant
ClassID 1	Infectious Disease
GENE INFORMATION	
Synonyms	Japanese Encephalitis Virus NS1

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