

Recombinant Tick-Borne Encephalitis Virus NS1 Protein, His-tagged

Cat. No. TIC-588 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Tick-Borne 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.
Tag	His
Background	The Tick-borne encephalitis virus (TBEV) is a Flavivirus which is transmitted to humans through a bite from an infected tick. Tick-borne encephalitis (TBE) is endemic in Europe and Asia with an average of 8,500 cases per year in Europe (https://wwwnc.cdc.gov/travel/page/yellowbook-home-2014/). TBE infected patients typically present with influenza-like symptoms and the disease is neuroinvasive often manifesting as meningitis, encephalitis or meningoencephalitis. Long-lasting or permanent neuropsychiatric sequelae are reported in 10 to 20% of patients.
Purity	>90% by SDS-PAGE
Sequence Strain	Neudoerfl
Formulation	DPBS pH 7.4, 0.2µm filter sterilised.
Stability	At +4 centigrade: 1 week. At -80 centigrade: 1 year.

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Freezing	Can be frozen, but avoid multiple freeze/thaw cycles.
Storage	Short Term Storage: +2 centigrade to +8 centigrade Long Term Storage: -20 centigrade to -80 centigrade
Concentration	0.524 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	Tick-Borne Encephalitis Virus NS1

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