

Recombinant Tick-Borne Encephalitis Virus NS3

Catalog No.	CSI15886A CSI15886B CSI15886C	Quantity:	100 µg 0.5 mg 1.0 mg
Description:	TBE is caused by tick-borne encephalitis virus (TBEV), a member of the family Flaviviridae. A closely related virus in Far Eastern Eurasia, Russian spring-summer encephalitis virus (RSSEV). The family Flaviviridae includes other tick-borne viruses are closely related to TBEV and RSSEV, such as Omsk hemorrhagic fever virus & Kyasanur Forest virus. Louping ill virus is also a member of this family. The <i>E. coli</i> derived recombinant protein contains the Tick-borne Encephalitis Virus NS3 protein epitopes.		
Source:	<i>E. coli</i>		
Formulation:	20 mM MES, pH 6.5 + 8 M urea + 200 mM NaCl and 0.05% Tween-20.		
Purity:	Encephalitis protein is >95% pure as determined by 10% PAGE (coomassie staining).		
Purification Method:	Encephalitis protein was purified by proprietary chromatographic technique.		
Specific Activity:	Immunoreactive with sera of encephalitis virus infected individuals.		
Storage & Stability:	Encephalitis protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.		
Applications:	Encephalitis antigen is suitable for ELISA and Western blots, excellent antigen for detection of Tick-borne encephalitis virus with minimal specificity problems.		

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