

Recombinant Tick-Borne Encephalitis Virus Core

Catalog No.	CSI15885A	Quantity:	100 µg
	CSI15885B		0.5 mg
	CSI15885C		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 *E. coli* derived recombinant protein contains the Tick-borne Encephalitis Virus core protein epitopes.

Source: *E. coli*

Formulation: 20 mM MES, pH 6.5 + 8M urea + 200 mM NaCl & 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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