

Recombinant Tick-Borne Encephalitis Virus gE middle (aa 50-250)

Catalog No.	CSI15883A	Quantity:	100 µg
	CSI15883B		0.5 mg
	CSI15883C		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 glycoprotein E middle regions, 50-250 amino acids.

Source: *E. coli*

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.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

