# Recombinant Tick-Borne Encephalitis Virus NE/gE

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| **Catalog No.** | CSI15882A | **Quantity:** | 100 µg |
| | CSI15882B | | 0.5 mg |
| | CSI15882C | | 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 37 kDa protein NE contains the Tick-borne encephalitis virus N-terminus regions of glycoprotein E.

**Source:** *E. coli*

**Molecular Weight:** 37 kDa

**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.**

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