Recombinant TBEV TBEVgp1 protein

Cat. No. TBEVgp1-61E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.coli derived recombinant protein contains the Tick-borne Encephalitis Virus core protein epitopes.
Species	TBEV
Source	E.coli
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.
Form	20mM MES pH 6.5, 8M urea, 200mM NaCl & 0.05% Tween-20.
Purity	Encephalitis protein is >95% pure as determined by 10% PAGE (coomassie staining).
Applications	Encephalitis antigen is suitable for ELISA and Western blots, excellent antigen for detection of Tick-borne encephalitis virus with minimal specificity problems.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Specificity	Immunoreactive with sera of encephalitis virus infected individuals.

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Storage	Encephalitis protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Shipping	Ice Packs

GENE INFORMATION

Gene Name	TBEVgp1 polyprotein [Tick-borne encephalitis virus]
Official Symbol	TBEVgp1
Synonyms	TBEVgp1; polyprotein; polyprotein; core protein C; anchored core protein C; PreM protein; matrix protein M; envelope protein; non-structural protein NS1; non-structural protein NS2a; non-structural protein NS2b; non-structural protein NS3; non-structural protein NS4a; 2K protein; non-structural protein NS4b; RNA-dependent RNA polymerase
Gene ID	1489719
Protein Refseq	NP_043135.1
UniProt ID	P14336

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