

Western Equine Encephalitis Virus E2 Glycoprotein

CATALOG NUMBER: WEEV-E2-5EP

Introduction	Western equine encephalitis virus (WEEV) is a mosquito-borne alphavirus in the <i>Togaviridae</i> family, closely related to both Venezuelan and Eastern equine encephalitis viruses. Its genome consists of a single-stranded, positive-sense RNA approximately 11.4 kb in length, encoding four non-structural proteins (nsP1, nsP2, nsP3, and nsP4) and six structural proteins (C, E3, E2, 6K, TF, and E1).
Applications	Western blot standard, antibody ELISA, antigen, etc.
Description	Viral protein purified from E. coli.
Viral Protein	C-terminal V5-6xHis tagged E2 (WEEV) glycoprotein (amino acid 1-366) (GenBank No. NP_818940).
Storage	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
Concentration	1 µg/µl in PBS with 8M urea.
Specificity	≥ 95% purity (SDS PAGE).

