

E1 Glycoprotein of Western Equine Encephalitis Virus (WEEV)

CATALOG NUMBER: WEEV-E1-050P

Introduction	Eastern equine encephalitis virus (EEEV) is a mosquito-borne alphavirus in the <i>Togaviridae</i> family, closely related to both Western and Eastern equine encephalitis viruses. Its genome consists of a single-stranded, positive-sense RNA approximately 12 kilobases in length, encoding four non-structural proteins (nsP1, nsP2, nsP3, and nsP4) and six structural proteins (CP, E3, E2, 6K, TF, and E1).
Applications	Western blot standard, antibody ELISA, immunogen, etc.
Description	Viral recombinant protein purified mammalian cells.
Viral Protein	N-terminal 6xHis tagged E1 (EEEV) glycoprotein (amino acid 797-1205) (GenBank Accession No. P13897).
Storage	Store at -20--80 °C; Stable for 1-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
Size	50 µg (Lyophilized from a solution in PBS, pH7.4, 0.02% NLS, 1 mM EDTA, 4% Trehalose, 1% Mannitol)
Specificity	≥ 90% purity (SDS PAGE).

