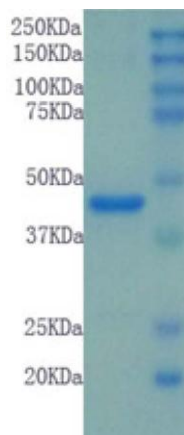


E2 Glycoprotein of Chikungunya Virus (CHIKV)

CATALOG NUMBER: CHIKV-E2-5EP

Introduction	Chikungunya virus (CHIKV) is a mosquito-borne alphavirus in the Togaviridae family. It has an enveloped, icosahedral nucleocapsid measuring 60-70-nm diameter and contains a single-stranded, positive-sense RNA genome approximately 11.8 kb in length. The genome encodes 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 6xHis tagged CHIKV E2 glycoprotein (aa 339-692) (GenBank Accession No. ACZ72971)
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).



SDS-PAGE: E2 glycoprotein (CHIKV)

