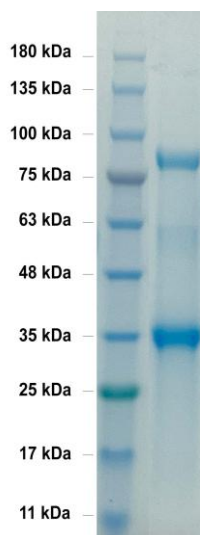


E1 Glycoprotein of Chikungunya Virus (CHIKV)

CATALOG NUMBER: CHIKV-E1-050P

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 mammalian cells.
Viral Protein	Recombinant E1 glycoprotein (aa 810-1221) of CHIKV (GenBank Accession No. Q8JUX5) with C-terminal Fc tag.
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.
Concentration	Lyophilized from a solution in PBS, pH7.4, 1 mM EDTA, 4% Trehalose, 1% Mannitol.
Specificity	≥ 90% purity (SDS PAGE).



SDS-PAGE: E1 glycoprotein (CHIKV)

