



# Recombinant Chikungunya E1 (Mutant, A226V) (DAGA-160)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant Chikungunya Mutant (A226V) E1 produced in Insect Cells is a polypeptide chain containing amino acids 1-415, however at position 226 the Alanine of the wild-type CHIKV E1 gene was mutated to Valine. The molecular weight of the CHIKV Mutant is approximately 50kDa. The E1 protein is C-terminal part of E2-6K-E1 protein region. CHIKV Mutant is purified by proprietary chromatographic technique.
<b>Antigen Description</b>	Chikungunya is an infection caused by the chikungunya virus. The disease features the sudden onset of fever two to four days after exposure. The fever usually lasts two to seven days, while accompanying joint pains typically last weeks or months but sometimes years. The mortality rate is a little less than 1 in 1,000; the elderly or those with underlying chronic medical problems are most likely to have severe complications.
<b>Purity</b>	Protein is >95% pure as determined by 12.5% SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB standard, antibody ELISA, immunogen, etc.
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	10 µg, 1 mg
<b>Buffer</b>	PBS buffer, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.

# BACKGROUND

## Keywords

CHIKV;Chikungunya Virus;Chikungunya E1;Chikungunya E2;CHIKV E1;CHIKV E2

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