

Recombinant Pan-species (General) CHIKV Protein, His-tagged

Cat. No. CHIKV-2754P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pan-species (General) CHIKV Protein (Tyr810-Ile1222) with a N-His tag was expressed in E. coli.
Species	Pan-species
Source	E.coli
ProteinLength	Tyr810-Ile1222
Description	Chikungunya virus (CHIKV) is a re-emerging mosquito-borne pathogen classified as a member of the Alphavirus genus in the family Togaviridae
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.5 kDa Accurate Molecular Mass: 49 kDa
Purity	> 90%
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

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store at -80 centigrade for 12 months.

Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
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Reconstitution	Reconstitute in PBS or others.
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GENE INFORMATION

Official Symbol	CHIKV
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Synonyms	Chikungunya Virus; CHIKV
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