

Product Name: Recombinant CHIKV Spike glycoprotein E2 Protein, C-His
Catalog #: PHV60003

概述 (Summary)

英文全称	CHIKV Spike glycoprotein E2
纯度 (Purity)	>90% as determined by SDS-PAGE.
内毒素 (Endotoxin level)	Please contact with the lab for this information
蛋白构建 (Construction)	Recombinant CHIKV Spike glycoprotein E2 Protein is produced by our Mammalian expression system and the target gene encoding Ser326-Gln666 is expressed with a 6His-tag at the C-terminus.
Accession #	AIL00833.1
表达宿主 (Host)	Mammalian cells
种属 (Species)	Chikungunya virus (CHIKV)
预测分子量 (Predicted MW)	41.26 kDa
蛋白形态 (Form)	Lyophilized
储存缓冲液 (Buffer)	Lyophilized from a solution of PBS, pH 7.4, 1mM EDTA
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at -70°C/-20°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景 (Background)

分子别名 (Alternative Names)	CHIKV Spike glycoprotein E2
背景介绍 (References)	Chikungunya virus (CHIKV) is an arthropod-borne alphavirus that causes Chikungunya fever, a re-emerging disease characterized by high fever, rash, and arthralgia. The E2 envelope glycoprotein is a structural protein that forms heterodimers with the E1 glycoprotein and is displayed on the viral surface as part of trimeric spike complexes. E2 is primarily responsible for receptor binding and host cell attachment, playing a key role in viral entry. As a major target of neutralizing antibodies, the E2 protein is widely used in serological



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diagnostics, vaccine development, and antiviral research.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.