

概述 (Summary)

英文全称	CHIKV NSP2
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 NSP2 Protein is produced by our E.coli expression system and the target gene encoding Asp1004-Gln1327 is expressed with a GST-tag and 6His-tag at the N-terminus
Accession #	A6MH24
表达宿主 (Host)	E.coli
种属 (Species)	Chikungunya virus (CHIKV)
预测分子量 (Predicted MW)	71.12 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 NSP2
背景介绍 (References)	Chikungunya virus (CHIKV) NSP2 is a multifunctional nonstructural protein essential for viral replication. It possesses RNA helicase, RNA triphosphatase, and protease activities, enabling it to unwind viral RNA, process the nonstructural polyprotein, and regulate replication complex formation. NSP2 also plays a role in suppressing host antiviral responses by interfering with innate immune signaling. Due to its pivotal functions in CHIKV replication and host interaction, NSP2 is widely studied as a target for antiviral drug



Product Name: Recombinant CHIKV NSP2 Protein, N-GST-His
Catalog #: PEV60000

development and molecular virology research.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.