

Chikungunya virus E1 Recombinant Protein

Recombinant Chikungunya virus E1 protein - wild type

CATALOG #
AAA224726

APPLICATIONS
SDS-Page, ELISA, Lateral Flow

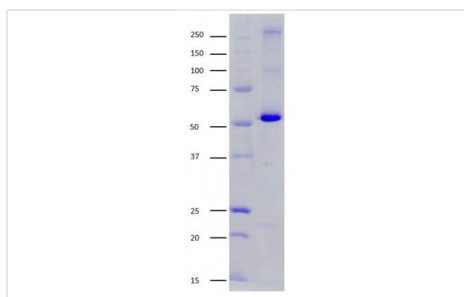
PRODUCT SYNONYMS

Chikungunya virus E1; Recombinant Chikungunya virus E1 protein - wild type; Chikungunya virus E1 protein; Chikungunya virus E1 antigen; Wild type Chikungunya E1 antigen; Chikungunya virus protein; Chikungunya virus envelope protein; Wild type Chikungunya protein; Chikungunya antigen; CHIKV protein.; Chikungunya virus E1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	> 95% pure Purified by a proprietary affinity chromatography method.
Form/Format	Liquid in PBS, pH 7.45 with 0.05% Sodium Azide.
Concentration	2.0 mg/mL (varies by lot)
Applicable Applications for Chikungunya virus E1 recombinant protein	SDS-PAGE, ELISA, LF (Lateral Flow)
Host Note	Baculovirus recombinant protein expressed in insect cells.
Protein Type	Recombinant
Biohazard	Use standard laboratory precautions when handling this material.
Biological Significance	Chikungunya virus is an insect-borne virus of the genus Alphavirus, that is transmitted to human by virus carrying Aedes mosquitoes. Chikungunya occurs in Africa, Asia and the Indian subcontinent. Human infections in Africa have been at relatively low levels for a number of years, but in 1999-2000 there was a large outbreak in the Democratic Republic of the Congo, and in 2007 there was an outbreak in Gabon.
Implications in Disease	Chikungunya causes fever and severe joint pain. Other symptoms include muscle pain, headache, nausea, fatigue and rash. The disease shares some clinical signs with dengue and can be misidentified in areas where dengue is common. There is no cure or vaccine for the disease. Treatment is focused on relieving the symptoms.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on dry ice. Upon receipt store at <-20°C. Avoid repeat freeze/thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for Chikungunya virus E1 recombinant protein	Infectious Disease
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/chikungunya-virus-e1-recombinant-protein-sds-page-elisa-lf-lateral-flow/224726>