Recombinant CHIKV (strain SL-CK1) Envelope 2 Protein (His Tag)

Catalog Number: PKSV030119

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

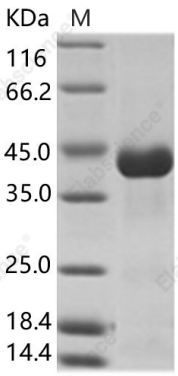
Description

Species	CHIKV
Source	Baculovirus-Insect Cells-derived CHIKV CHIKV (strain SL-CK1) Envelope 2 protein Ser326-Gln666, with an C-terminal His
Calculated MW	39.8 kDa
Accession	ADG95913.1
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile 20 mM Tris, pH 7.5, 500 mM NaCl, 10% glycerol. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



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Background

Packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication.