

Recombinant Dengue virus (DENV) (type 1, strain US/Hawaii/1944) E protein(Val580-Lys680), His-tagged

Cat. No. E-3263V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue virus (DENV) (type 1, strain US/Hawaii/1944) E protein(ACF49259.1)(Val580-Lys680), fused with His tag, was expressed in Insect Cells.
Species	DENV1
Source	Insect Cells
ProteinLength	Val580-Lys680
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 10% glycerol. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant Dengue virus (DENV)(type 1, strain US/Hawaii/1944) E consists of 112 amino acids and predicts a molecular mass of 12.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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