

Recombinant Dengue virus (DENV) (type 4, strain Philippines/H241/1956) E protein(Thr579-Lys679), His-tagged

Cat. No. E-3261V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue virus (DENV) (type 4, strain Philippines/H241/1956) E protein(Thr579-Lys679), fused with His tag, was expressed in Insect Cells.
Species	DENV4
Source	Insect Cells
ProteinLength	Thr579-Lys679
Form	Lyophilized from sterile 20mM Tris, 300mM NaCl, 10% Glycerol, pH 8.5. 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 4, strain Philippines/H241/1956) Envelope consists of 112 amino acids and predicts a molecular mass of 12.41 kDa. It migrates as an approximately 13.77 kDa band in SDS-PAGE under reducing conditions.
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

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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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