

Recombinant Dengue virus (DENV) (type 3, strain Philippines/H87/1956) NS1 protein(Asp774-Ala1125), His-tagged

Cat. No. NS1-2440D Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue virus (DENV) (type 3, strain Philippines/H87/1956) NS1 (AAA99437.1) (Asp774-Ala1125) was expressed in HEK293 with a polyhistidine tag at the N-terminus.
Species	DENV
Source	HEK293
ProteinLength	Asp774-Ala1125
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 0.02% Tween80, pH8. 5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Dengue virus (DENV) (type 3, strain Philippines/H87/1956) consists of 371 amino acids and predicts a molecular mass of 42.1 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % 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

 45-1 Ramsey Road, Shirley, NY 11967, USA



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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