Recombinant Dengue virus (DENV) (type 4, strain Philippines/H241/1956) NS1 Protein, His-tagged

Cat. No. NS1-860D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue virus (DENV) (type 4, strain Philippines/H241/1956) NS1 (AAX48017.1 (aa775-1126)) (Asp1-Ala352), fused with a polyhistidine tag at the N-terminus, was expressed in HEK293 Cells.
Species	DENV
Source	HEK293
ProteinLength	775-1126;1-352 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant Dengue virus (DENV) (type 4, strain Philippines/H241/1956) NS1 consists of 371 amino acids and predicts a molecular mass of 42 kDa.
Endotoxin	< 1.0 EU per μg of the 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 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Official Symbol	NS1
Synonyms	NS1
Protein Refseq	AAX48017.1

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