Active Recombinant DENV2 (strain Thailand/16681/1984) NS1 protein, His-tagged

Cat. No. NS1-0576D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant DENV2 (strain Thailand/16681/1984) NS1 protein(Asp776-Ala1127), fused with His tag, was expressed in HEK293.
Species	DENV2
Source	HEK293
ProteinLength	776-1127 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized DENV2 (strain Thailand/16681/1984) NS1 protein, His Tag at 1 μg/mL (100 μL/well) can bind Mouse Anti-NS1(DENV) Antibody 2B7,Mouse IgG1 with a linear range of 0.1-2 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 41.8 kDa. The protein migrates as 45-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asp776-Ala1127
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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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