

POLY

Recombinant DENV-2 NS3/Serine protease NS3 Protein, N-His Tag

Catalog No.	YVV31601A YVV31601B	Quantity:	100 µg 1.0 mg
Alternate Names:	Genome polyprotein, Serine protease NS3		
Description:	Recombinant Dengue virus type 2 serine protease NS3 (non-structural protein 3) with a N-terminal His tag, is expressed in E. coli. The NS3 serine protease of dengue virus is an essential component for virus maturation, a potential target for antiviral drugs directed at the inhibition of polyprotein processing.		
GenBank:	QNJ99448.1		
UniProt ID:	A0A7G8PYG7		
Protein Construction:	Ala1476-Lys2093 for DENV-2 NS3 with a N-terminal His tag		
Source:	E. coli		
Formulation:	Lyophilized from sterile-filtered PBS, pH 7.4, 0.02% NLS, 1 mM EDTA, 4% trehalose, 1% mannitol		
Molecular Weight:	71.85 kDa, predicted		
Purity:	> 90 % as determined by SDS-PAGE.		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 1.0 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Stable for up to 1 year from date of receipt at -20°C to -80°C. After reconstitution, stable for 1 week at 2-8°C, or store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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