Recombinant DENV4 NS1 Protein, His-tagged

Cat. No. NS1-08D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue Virus serotype 4 NS1 protein hexamer, incorporating a C-terminal 6×His-tag, produced in mammalian HEK293 cells at greater than 95% purity. NS1 protein is available in a choice of two buffers, Tris-Nacl or EPPS-NaCl, both at pH8.5. Tris buffered NS1 protein is suitable for most standard applications. DENV4 NS1 protein is engineered on human cell lines using state-of-the-art expression techniques.
Species	DENV4
Source	HEK293
Description	With more than one-third of the world's population living in areas at risk of transmission, dengue infection is a leading cause of illness and death in the tropics and subtropics. As many as 100 million people are infected yearly. Dengue is caused by any one of four related viruses transmitted by mosquitoes. There are no vaccines available to prevent infection with dengue virus.
Form	Liquid
Purity	> 95%
Stability	At room temperature: 1 month. At -80 centigrade: 1 year
Storage	Short Term Storage: Room temperature

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	Long Term Storage: -80 centigrade Can be frozen, but avoid multiple freeze-thaw cycles.
Concentration	0.5 mg/mL
Storage Buffer	20mM Tris, 150mM NaCl, pH 8.5, 0.2 µm filter sterilised.
Shipping	Ambient

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