

Recombinant DENV 1-4 NS1 Protein

Cat. No. NS1-01D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Combination pack of all four serotypes of Dengue virus NS1 protein, produced in mammalian HEK293 cells, all greater than 95% purity. 1 vial of DENV1-NS1 from strain Nauru/Western Pacific/1974 1 vial of DENV2-NS1 from strain Thailand/16681/84 1 vial of DENV3-NS1 from strain Sri Lanka D3/H/IMTSSA-SRI/2000/1266 1 vial of DENV4-NS1 from strain Dominica/814669/1981
Species	DENV
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 4 centigrade: 1 month At -80 centigrade: 1 year
Storage	Short Term Storage: 2-8 centigrade

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	Long Term Storage: -80 centigrade Can be frozen, but avoid multiple freeze-thaw cycles.
Concentration	DENV1-NS1: 0.631 mg/mL DENV2-NS1: 0.64 mg/mL DENV3-NS1: 0.535 mg/mL DENV4-NS1: 0.514 mg/mL
Storage Buffer	DENV1-NS1: DPBS pH7.4, 0.2 µm filter sterilised DENV2-NS1: DPBS pH7.4, 0.2 µm filter sterilised DENV3-NS1: DPBS pH7.4, 0.2 µm filter sterilised DENV4-NS1: 20 mM Tris, 150 mM NaCl, pH8.5, 0.2 µm filter sterilised
Shipping	Ambient