



Dengue Virus Serotype 2 VLP (E, M, preM Proteins)

PRODUCT INFORMATION

Name	Dengue Virus Serotype 2 VLP (E, M, preM Proteins)
Cat No.	CBS-V069
Virus Family	Flaviviridae
Composition	Envelope (E), pre-Membrane (prM) and Membrane (M)
Source	Mammalian recombinant
Protein Conc.	0.62 mg/mL
Purity	>95% by SDS-PAGE
Presentation	10mM sodium phosphate, 20mM sodium citrate, 154mM sodium chloride, pH7.4
Description	Recombinant Dengue Virus serotype 2 virus-like particle recombinant antigen consisting of Envelope, pre-Membrane and Membrane protein produced in 293 human cells. The C-terminal 20% of the dengue Envelope protein was replaced by the corresponding Japanese encephalitis virus SA sequence (Envelope protein amino acids 397-495). The replaced sequence corresponds to the transmembrane and intraparticle portion of the protein.

USAGE GUIDELINES

General	Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation.
Storage	Short term: +2°C to +8°C Long term: -80°C

Stability n.a.

Freezing Can be frozen, but avoid multiple freeze/thaw cycles.

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