

Product Datasheet

Recombinant Virus Dengue Virus 4 VLP Protein NBP3-14810-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP3-14810-0.1mg**Recombinant Virus Dengue Virus 4 VLP Protein**

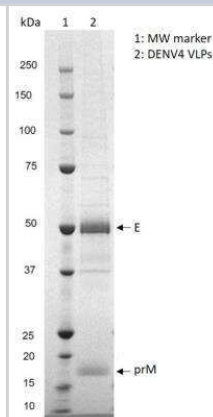
Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95% pure by SDS-PAGE
Buffer	Dulbecco's PBS pH7.4, 30% sucrose

Product Description	
Description	<p>Recombinant Dengue Virus serotype 4 virus-like particle recombinant antigen consisting of Envelope, pre-Membrane and Membrane protein (Polyprotein aa 400-495).</p> <p>Storage: Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80C may result in aggregate formation.</p> <p>Concentration: 0.1-0.6mg/ml</p>
Species	Virus
Reactivity Notes	Dengue Virus Serotype 4 (Dominica/814669/1981 Strain)
Preparation Method	VLPs are constructed from E, M and preM proteins, with secretion from the cell aided by substituting the C terminal 20% with the corresponding Japanese Encephalitis Virus sequence (all internal/transmembrane), produced in HEK293 expression system and tested for stability. Concentration and purification by a series of ultracentrifugation and chromatographical methods results in VLPs of exceptional quality and purity.

Product Application Details	
Applications	SDS-Page
Recommended Dilutions	SDS-Page

Images

SDS-Page: Dengue Virus 4 VLP Recombinant Protein Antigen [NBP3-14810] - Non-reducing SDS-PAGE gel showing purified Dengue virus serotype 4 virus-like particles; envelope protein (E) at approx. 55kDa, and prM protein running at approx. 17-18kDa.





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Limitations

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