

## Dengue Virus 1 Envelope 22kDa - Purified

<b>Alternate names:</b>	Dengue Type 1 Envelope 22kDa
<b>Catalog No.:</b>	AR31026PU-N
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	2.47 mg/ml
<b>Background:</b>	The dengue virus is responsible for the tropical and sub-tropical diseases, dengue (DF) and dengue haemorrhagic fever (DHF), transmitted to individuals through the bite of the Aedes mosquito. The global distribution of dengue is expanding and comparable to that of malaria, with symptoms ranging from a mild viral syndrome of high fever, rash, headache, fatigue and muscle and joint pain, to the more severe and sometimes fatal DHF. Each dengue virus serotype is antigenically distinct, such that infection only provides an individual with immunity to the causative serotype, with the possibility of further infection by a different serotype or even multiple serotypes.
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% by PAGE (Coomassie). Proprietary chromatographic technique <b>Buffer System:</b> PBS, pH 7.4 without preservatives
<b>Applications:</b>	<b>ELISA.</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	Recombinant Dengue Type 1 Envelope (E) (22kDa). Dengue Type-1 Envelope, immunodominant regions. This region also contains a common antigen for Dengue type 2, 3, and 4. Contains a 6-His fusion partner. Reacts strongly with Dengue IgG. Reacts with Dengue IgM in ELISA. <b>Molecular weight:</b> 22 kDa
<b>Add. Information:</b>	Centrifuge before opening to ensure complete recovery of vial contents.
<b>Storage:</b>	Store the protein at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.