

Dengue Virus Subtype 3 Recombinant, Insect Cells

Item Number rAP-5170

Synonyms

Description Recombinant Dengue Virus Subtype 3 produced in Insect Cells is a polypeptide chain containing amino acids 281-673 and having a molecular weight of approximately 50kDa. Dengue Envelope-3 is purified by proprietary chromatographic technique.

Uniprot Accession Number B1Q1D0

Amino Acid Sequence

Source Insect cells.

Physical Appearance and Stability Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Formulation and Purity Dengue Envelope-3 protein solution in 1xD-PBS, pH7.4, 0.1% Thimerosal, 5mM EDTA, 1µg/ml of Leupeptin, Aprotinin and Pepstatin A. Protein is >90% pure as determined by 12.5% SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**