

Dengue Virus Subtype 1 Recombinant, Insect Cells

Item Number	rAP-5168
Synonyms	
Description	Recombinant Dengue Virus Subtype 1 produced in Insect Cells is a polypeptide chain containing amino acids 281-675 and having a molecular weight of approximately 50kDa. Dengue Envelope-1 is purified by proprietary chromatographic technique.
Uniprot Accession Number	B1PNJ5
Amino Acid Sequence	mrcvgignrd fveglsgatw vdvvlehgsc vttmakdkpt ldiellktev tnpavlrkic ieakisnttt dsrctqgea tlveeqdanf vcrrt-fvdrq wngcgflgk gslitcakfk cvtklegkiv qyenlkysvi vtvtgdqhq vgnettehgt iatitpqapt seiqltdyga ltlcdsprtg ldfnemvllt mkekswlvhk qwfidlplpw tsgastsqet wnrqdlvtf ktahakkqea vvlgsqegam htaltgatei qtsgttifa ghk-crlkmd kltlkgisyv mctgsfklek evaetqhtv lvqvkyegtd apckipfssq dekgvtqngr lvtanpivtd kekpvnieae ppgesyivv gagekalkis wfkkg.
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-1 protein solution in 1xD-PBS, pH7.4, 0.1% Thimerosal, 5mM EDTA, 1µg/ml of Leupeptin, Aprotinin and Pepstatin A. Protein is >95% 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**