

# Dengue Envelope-1 Recombinant Protein



RPPB5698

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## Product Information    Protein Information

**Product SKU:**

RPPB5698

**Accession:**

ACA48761

**Host:**

Insect cells.

**Protein 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.

**Appearance:**

Sterile filtered colorless solution.

**Formulation:**

Dengue Envelope-1 protein solution in 1xD-PBS, pH7.4, 0.1% Thimerosal, 5mM EDTA, 1µg/ml of Leupeptin, Aprotinin and Pepstatin A.

**Purity:**

Protein is >95% pure as determined by 12.5% SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

mrcvgignrd fveglsgatw vdvvlehgsc vttmakdkpt ldiellktev tnpavlrkic ieakisnttt dsrctqgea tlveeqdanf  
vcrtrfdrg wngngcglfgk gsltcakfk cvtklegkiv qyenlkysvi vtvtgdqhq vgnettehgt iatitpqapt seiqltdyga  
ltldcsprtq ldfnemvllt mkekswlvhk qwfldlplpw tsgastsqet wnrqdllvtf ktahakkqea vvlgsqegam htaltgatei  
qtsgtttifa ghkcrkmd kltlkgisyv mctgsfklek evaetqhgvt lvqvkyegtd apckipfssq dekgvtqngr lvtanpivtd  
kekpvnieae ppgesyivv gagekalkls wfkkg.