

Dengue Virus Subtype 4 Recombinant Protein

Recombinant Dengue Virus Subtype 4, Insect Cells

CATALOG #
AAA38997

PRODUCT SYNONYMS

Dengue Virus Subtype 4; Recombinant Dengue Virus Subtype 4; Insect Cells; Dengue Envelope-4; Insect; Dengue Virus Subtype 4 Recombinant; Dengue Envelope-4 Insect; Dengue Virus Subtype 4 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Protein is > = 95% pure as determined by 12.5% SDS-PAGE.
Form/Format	Dengue Envelope-4 protein solution (1.12mg/ml) in 1xD-PBS, pH7.4, 0.1% Thimerosal, 5mM EDTA, 1 ug/ml of Leupeptin, Aprotinin and Pepstatin A.
Sequence Length	3,387
Source	Insect cells
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for Dengue Virus Subtype 4 recombinant protein	Description: Recombinant Dengue Virus Subtype 4 produced in Insect Cells is a polypeptide chain containing amino acids 280-674 and having a molecular weight of approximately 50kDa. Dengue Envelope-4 is purified by proprietary chromatographic technique. Introduction: Caused by one of four closely related virus serotypes of the genus Flavivirus, family Flaviviridae, each serotype is sufficiently different that there is no cross-protection and epidemics caused by multiple serotypes (hyperendemicity) can occur. In cell culture experiments and mice Morpholino antisense oligos have shown specific activity against Dengue virus.
Product Categories/Family for Dengue Virus Subtype 4 recombinant protein	Viral Antigens ; DENGUE VIRUS ; Viral Antigens ; Dengue

NCBI AND UNIPROT INFORMATION

UniProt Accession #	D2KQW6
Molecular Weight	378,441 Da
UniProt Protein Name	Genome polyprotein
UniProt Entry Name	D2KQW6_9FLAV

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.