

Recombinant Dengue Virus Subtype 1 Envelope protein

Cat. No. Envelope 1-588D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue Virus Subtype 1 Envelope (aa 281-675) was expressed in Insect cells.
Species	DENV
Source	Insect Cells
ProteinLength	281-675 a.a.
Description	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.
Form	Dengue Envelope-1 protein solution in 1xD-PBS, pH7.4, 0.1% Thimerosal, 5mM EDTA, 1g/ml of Leupeptin, Aprotinin and Pepstatin A.
Molecular Mass	50kDa
AA Sequence	mrcvgignrd fveglsgatw vdvvlehgsc vttmakdkpt ldiellktev tnpavlrklc ieakisnttt dsrctptqgea tlveeqdanf vcrrtfvdrq wgnngcglfgk gslitcakfk cvtklegkiv qyenlkysvi vtvhtgdqhq vgnettehgt iatitpqapt seiqltdyga lldcsprtq ldfnemvllt mkekswlvhk qwfdlplpw tsgastsqet wn

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Protein is >95% pure as determined by 12.5% SDS-PAGE.
Storage	Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20 centigrade 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.

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