

Dengue Type 2 Recombinant Protein

Purified Recombinant Dengue 2 protein

CATALOG # AAA224732	HOST E.coli	APPLICATIONS Lateral Flow
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PRODUCT SYNONYMS

Dengue Type 2; Purified Recombinant Dengue 2 protein; DENV protein; Dengue Subtype 2 protein; Dengue Subtype-2; Dengue Subtype 2; Dengue protein Serotype 2; Dengue Subtype-2 protein; DENV NS1 protein; DENV protein Subtype 2; Dengue Type 2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid supplied in 20 mM PB, 150 mM NaCl, pH 7.4 with 0.1% P300.
Concentration	0.59 mg/ml (varies by lot)
Applicable Applications for Dengue Type 2 recombinant protein	LF (Lateral Flow)
Grade	Recombinant
Species	Viral
Protein Type	Recombinant
Residues	Dengue 2, Envelope (E)
Biohazard	Material has been inactivated, however it should be treated as potentially infectious.
Biological Significance	Dengue Virus is an arbovirus of the Flaviviridae family and Flavivirus genus. Dengue is an enveloped virus, 40-60 nm in size, with an isometric nucleocapsid of 25-30 nm and an ~10.7 kb, linear, positive-sense RNA genome. Dengue virus exists as four serotypes (Dengue 1–4) and is genetically related to other flaviviruses such as yellow fever and tick-borne encephalitis viruses
Preparation and Storage	Store at 4°C for short term, -20°C for long term. Avoid freeze/thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for Dengue Type 2 recombinant protein	Infectious Disease
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NCBI AND UNIPROT INFORMATION

Molecular Weight	17.5 kDa
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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.