

DENV (type 2, strain New Guinea C/PUO-218 hybrid) E/Envelope Protein Recombinant Protein | DENV recombinant protein

Recombinant DENV (type 2, strain New Guinea C/PUO-218 hybrid) E/Envelope Protein (ECD, His Tag)

CATALOG # AAA177985	HOST Baculovirus-Insect Cells
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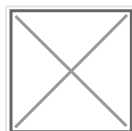
PRODUCT SYNONYMS

DENV (type 2; strain New Guinea C/PUO-218 hybrid) E/Envelope Protein; Recombinant DENV (type 2; strain New Guinea C/PUO-218 hybrid) E/Envelope Protein (ECD; His Tag); E Protein; DENV; Dengue virus; ECD; DENV recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus-Insect Cells
Purity/Purification	>80% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH8.0, 10% glycerol. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Sequence	Phe247-Gly 675
Species	Dengue virus (DENV)
Tag	C-His
Endotoxin	<1.0EU per ug protein as determined by the LAL method.
Protein Construction	A DNA sequence encoding the envelope protein of Dengue virus (DENV)(type 2, strain New Guinea C/PUO-218 hybrid)(AAC59274.1)(Phe247-Gly675, with two amino acids "MV" at the N-terminal) was expressed with a polyhistidine tag at the C-terminus.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for DENV recombinant protein	Virus related Protein
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Mol. Mass: 49.2kDa
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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.

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Online datasheet: <https://stage.aaabiotech.com/denv-type-2-strain-new-guinea-c/puo-218-hybrid-e/envelope-protein-recombinant-protein-baculovirus-insect-cells/177985>