

Recombinant WNV (lineage 1, strain NY99) E Protein, His-tagged

Cat. No. E-748V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant domain III of the West Nile virus (WNV)((lineage 1, strain NY99) envelope glycoprotein (E) (ABA62343.1) (Gln586-Ala705) was expressed with a polyhistidine tag at the C-terminus.
Species	WNV
Source	Yeast
ProteinLength	586-705 a.a.
Predicted N Terminal	Gln 586
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant domain III of the West Nile virus (WNV)((lineage 1, strain NY99) envelope glycoprotein (E) consists of 130 amino acids and predicts a molecular mass of 14 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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