

Recombinant WNV(lineage 2, strain Nea Santa-Greece-2010) E/Envelope Protein, His-tagged

Cat. No. Envelope-563W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant envelope protein of WNV(lineage 2, strain Nea Santa-Greece-2010)(AED99787.1)(Gln586-Ile694) was expressed with a polyhistidine tag at the C-terminus.
Species	WNV
Source	Yeast
ProteinLength	Gln586-Ile694
Predicted N Terminal	Gln 586
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant envelope protein of West Nile Virus (WNV) consists of 130 amino acids and predicts a molecular mass of 14 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at-70 centigrade. Store it under sterile conditions at-20 centigrade to-80 centigrade. It is recommended

 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

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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Official Symbol**[Envelope](#)**Synonyms**

E/Envelope

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