

### Certificate of Analysis

**Name:** West Nile Virus Pre-Membrane (prM) Protein.

**Product code:** REC31766-100  
REC31766-500

**Batch #:**

**Description:** A 20 kDa recombinant protein manufactured in E. coli, containing the West Nile virus N-terminal pre-Membrane (prM) immunodominant regions (aa 117-252). The protein is fused with a 6xHis tag.

**Sequence:**  
MVTLSNFQGKVMMTVNATDVTDVITPTAAGKNLCIVRAMDVGYLCEDTITYECPVLAAG  
NDPEDIDCWCTKSSVYVRYGRCTKTRHSRRSRSLTVQTHGESTLANKKGAWLDSTKA  
TRYLVKTESWILRNPGYALE

**Amount:** 100µg  
500µg

**Formulation:** 20mM phosphate buffer pH 7.5

**Purity:** > 95% as determined by SDS-PAGE.

**Presentation:** Lyophilised.

**Applications:** ELISA, Western blot. Excellent antigen for detection of West Nile virus with minimal specificity problems.  
For Research Use Only.

**Usage guidelines**

**Storage:** Upon arrival, store at below -18°C.  
Avoid multiple freeze-thaw cycles.