

Recombinant West Nile Virus Pre-M Protein, C-6×His tagged

Cat. No. Pre-M-10W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.coli derived 20 kda recombinant protein contains the West-Nile N-Terminal Pre-M Virus immunodominant regions. The protein is fused with C-6×His tag.
Species	West Nile Virus
Source	E.coli
Description	West Nile virus (WNV) is a virus of the family Flaviviridae part of the Japanese encephalitis (JE) antigenic complex of viruses. Image reconstructions and cryoelectron microscopy reveal a 45-50 nm virion covered with a relatively smooth protein surface. This structure is similar to virus; both belong to the genus flavivirus within the family Flaviviridae. WNV is a positive-sense, single strand of RNA, it is between 11,000 and 12,000 nucleotides long which encode seven non-structural proteins and three structural proteins. The RNA strand is held within a nucleocapsid formed from 12 kDa protein blocks; the capsid is contained within a hostderived membrane altered by two viral glycoproteins
AA Sequence	MVTLSNFQGKVMMTVNATDVTDVITPTAAGKNLCIVRAMDVGYLCEDTITYECPVLA AGNDPEDIDCWCTKSSVYVRYGRCTKTRHSRRSRRSLTVQTHGESTLANKKGAWL DSTKATRYLVKTESWILRNPGYALE
Purity	> 90% pure by SDS-PAGE.
Applications	Western Blot, ELISA, etc.

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Storage	Store at -20 centigrade and avoid freeze-thaw cycles.
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Storage Buffer	20 mM phosphate buffer pH7.5
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Shipping	Protein is shipped at ambient temperature.
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GENE INFORMATION

Official Symbol	Pre-M
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Synonyms	Pre-M
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