

Active Recombinant West Nile virus WNVgp1

Cat. No. WNVgp1-426W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant West Nile virus WNVgp1 (Accession # ABD85079) was produced in E. coli-derived.
Species	West Nile virus
Source	E.coli
Predicted N Terminal	Met and Gly
Form	Lyophilized from a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate pERTKR-AMC .The specific activity is >750 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant West Nile virus WNVgp1 has a calculated MW of 27 kDa & 20 kDa. In SDS-PAGE migrates as 32 kDa and 22 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	WNVgp1 polyprotein precursor [West Nile virus]
Official Symbol	WNVgp1
Synonyms	WNVgp1; polyprotein precursor; capsid protein C; anchored capsid protein C; membrane glycoprotein precursor prM; membrane glycoprotein M; envelope protein E; nonstructural protein NS1; nonstructural protein NS2A; nonstructural protein NS2B; nonstructural protein NS3; nonstructural protein NS4A; 2K protein; nonstructural protein NS4B; nonstructural protein NS5
Gene ID	912267
mRNA Refseq	
Protein Refseq	NP_041724
MIM	
UniProt ID	P06935
Chromosome Location	clone: 33/G8; 34/F6