

NS1 Protein (West Nile virus) Recombinant Protein | NS1 recombinant protein

NS1 Protein (West Nile virus)

CATALOG # AAA13768	APPLICATIONS Western Blot, ELISA
------------------------------	--

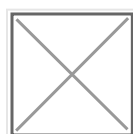
PRODUCT SYNONYMS

NS1 Protein (West Nile virus); NS1 Protein (West Nile Virus); West Nile Virus NS1 Protein; NS1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	≥90% purity (SDS-PAGE)
Concentration	1 ug/ul in PBS (varies by lot)
Sequence	DTGCAIDISR QELRCGSGVF IHNDVEAWMD RYKYYPETPQ GLAKIIQKAH KEGVCGLRSV SRLEHQMWEA VKDELNTLLK ENGVDLSVVV EKQEGMYKSA PKRLTATTEK LEIGWKAWGK SILFAPELAN NTFVVDGPET KECPTQNRW NSLEVEDFGF GLTSTRMFLK VRESNTTECD SKIIGTAVKN NLAIHSDLSY WIESRLNDTW KLERAVLGEV KSCTWPETH LTWEGILESD LIIPVTLAGP RSNHNRRPGY KTQNQGPWDE GRVEIDFDYC PGTTVTLSES CGHRGPATRT TTESGKLITD WCCRSTLPP LRYQTDSCW YGMEIRPQRH DEKTLVQSQV NAGKPIPPL LGLDSTHHHH HH
Sequence Length	404
Applicable Applications for NS1 recombinant protein	WB (Western Blot), ELISA, Antigen
Viral Protein	C-terminal 6xhis tagged full-length non-structural protein 1(NS1+V5) of West Nile virus (GenBank No. EU081844.1).
Endotoxin Level	<0.01 EU per 1 ug of the protein by LAL test.
Preparation and Storage	Store at -20°C. Stable for 6-months from the date of receipt when kept at 4°C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

NS1 protein (West Nile Virus)

ADDITIONAL INFORMATION

Related Product Information for NS1 recombinant protein	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 (NS1, NS2A, NS2B, NS3, NS4A, NS4B, NS5) and three structural proteins (Capsid protein, PreM protein, Envelope protein). The RNA strand is held within a nucleocapsid formed from 12 kDa protein blocks; the capsid is contained within a host-derived membrane altered by two viral glycoproteins. Viral protein produced in HEK 293 cells.
Product Categories/Family for NS1 recombinant protein	Viral Recombinant Proteins ; West Nile Virus

NCBI AND UNIPROT INFORMATION

NCBI GI #	392356543
NCBI Accession #	YP_006485883.1
NCBI GenBank Nucleotide #	YP_006485882.1
NCBI Official Full Name	NS1' protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ns1-protein-west-nile-virus-recombinant-protein-wb-western-blot-elisa-antigen/13768>