Recombinant West Nile Virus (E protein) ab48960

Overview

Product name: Recombinant West Nile Virus (E protein)
Protein length: Protein fragment

Description

Nature: Recombinant
Source: Escherichia coli
Amino Acid Sequence Tags: His tag C-Terminus
Additional sequence information: Tagged with six histidines.

Specifications

Our Abpromise guarantee covers the use of ab48960 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Biological activity: Immunoreactive with sera from WNV -infected individuals.
Applications:
- ELISA
- Western blot

Purity: > 95 % SDS-PAGE.

Form: Liquid

Preparation and Storage

Stability and Storage: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
- pH: 7.50
- Constituent: 0.0536% PBS
- This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info
West Nile Virus (WNV) is a single-stranded RNA (positive sense) virus of the family Flaviviridae, genus Flavivirus, commonly found in Africa, West Asia and the Middle East. It causes disease that is characterized by flu-like symptoms. In a small number of cases this can develop into West Nile Encephalitis (infection of the brain and spinal cord). The viral envelope consists of envelope E and membrane M proteins. The roles of the E protein include virion assembly, recognition of cell receptors, cell endosomal membrane fusion, agglutination of red blood cells, and induction of immune responses.

Cellular localization

Cell Membrane

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"