

## Zika Virus NS1 Recombinant Protein

Zika Virus NS1 Recombinant

|                              |                             |                                            |
|------------------------------|-----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA13453</b> | HOST<br><b>Insect cells</b> | APPLICATIONS<br><b>ELISA, Lateral Flow</b> |
|------------------------------|-----------------------------|--------------------------------------------|

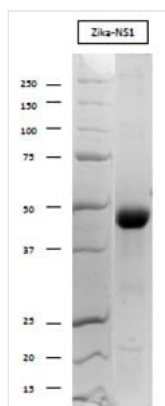
### PRODUCT SYNONYMS

Zika Virus NS1; Zika Virus NS1 Recombinant; Zika Virus NS1 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Host                                                           | Insect cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification                                            | >85% Pure (SDS PAGE). Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Form/Format                                                    | Purified, Liquid; Phosphate Buffered Saline, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                                  | 3.2 mg/mL (Bradford Method) (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for Zika Virus NS1 recombinant protein | ELISA, LF (Lateral Flow), CLIA (Chemiluminescence Immunoassay)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes                                              | Suitable for use in ELISA, CLIA and Lateral Flow Assays. To overcome flavivirus cross-reactivity, recombinant antigens to envelope and NS1 antigens are commonly used. IgG and IgM antibodies typically show a high sensitivity and specificity to these epitopes especially NS1 which is thought to contain more species-specific epitopes than the envelope proteins. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded |
| Preservative                                                   | 0.09% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Important Note                                                 | Centrifuge before opening to ensure complete recovery of vial contents.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dry Ice Note                                                   | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage                                        | Store at -20°C, avoid repeated freeze/thaw cycles.<br>Thawing: Thaw at room temperature or 4°C. Cryo-concentration may occur on thawing which should not affect performance characteristics. If cryo-concentration is seen after the material is completely thawed, mix by inverting the container GENTLY several times before use.                                                                                                                                                                                                                                        |

### IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

|                                                                    |                                                                                                                                                                                                     |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Zika Virus NS1 recombinant protein | Zika Virus NS1 Recombinant<br>Zika Virus Non-Structural Protein 1 Recombinant<br>Product contains Histidine tag.<br>Reacts with both IgG and IgM.<br>The NS-1 is a large, highly conserved protein. |
| Product Categories/Family for Zika Virus NS1 recombinant protein   | Recombinant; Antigen                                                                                                                                                                                |

**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.

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Online datasheet: <https://stage.aaabiotech.com/zika-virus-ns1-recombinant-protein-insect-cells-elisa-lf-lateral-flow-clia-chemiluminescence-immunoassay/13453>