



# Recombinant Zika virus Ectodomain Protein (DAG-WT301)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Zika Ectodomain is a recombinant protein of the ectodomain of the envelope protein from the Suriname Zika virus strain.
<b>Purity</b>	> 90% , as determined by SDS-PAGE
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	N/A
<b>Molecular Weight</b>	45 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	10mM Sodium phosphate, pH 7.2, 150mM NaCl
<b>Preservative</b>	None
<b>Storage</b>	Store at 4°C. Do not freeze

## BACKGROUND

<b>Introduction</b>	Zika virus is an emerging disease that is spread by Aedes mosquitoes. The virus was first isolated in Central Africa, and has since been spread to South Asia and recently to South America. Zika virus can cause mild fever, rash, myalgia, arthralgia and headaches, with one in four infected individuals being asymptomatic. Due to similar symptoms Zika virus infected
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individuals can easily be mis-diagnosed as a dengue infection and vice-versa. In addition, Zika virus has been implicated in causing microcephaly through transmission in utero.

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**Keywords**

Zika virus; Ectodomain; Envelope protein

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