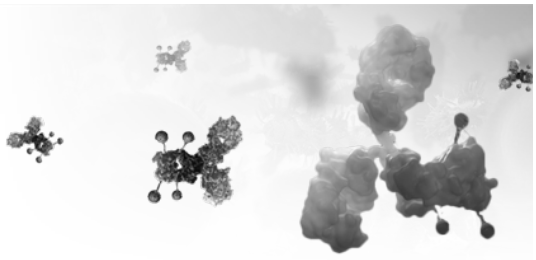

Recombinant Zika Virus Envelope protein (a.a 291-696) [His] (DAG-WT309)

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

PRODUCT INFORMATION

Antigen Description	A DNA sequence encoding the Zika virus (strain Zika SPH2015) E (ALU33341.1, with mutation Thr 366 Ala, Gln 367 Gly, Trp 391 Arg, Leu 397 Arg) (Ile291-Thr696) was expressed with a polyhistidine tag at the C-terminus.
Purity	> 90% , as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	45.6 kDa
Format	Lyophilized Powder
Size	1 mg
Buffer	20 mM Tris, 300 mM NaCl, pH 8.0, 10 % glycerol
Preservative	None
Storage	Store at -20°C to -80°C. Avoid multiple freeze/thaw cycles

BACKGROUND

Introduction	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 individuals can easily be mis-diagnosed as a dengue infection and vice-versa. In addition, Zika

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	virus has been implicated in causing microcephaly through transmission in utero.
Keywords	Zika virus; ZIKV; Envelope protein

GENE INFORMATION

UniProt ID	ALU33341.1

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