



# Recombinant Yellow fever virus E protein (DAG-WT1766)

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

## PRODUCT INFORMATION

<b>Purity</b>	> 85% as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	ELISA, LFIA
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, 5% mannitol, 0.05% Tween20, pH7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C

## BACKGROUND

<b>Introduction</b>	The YFV genome is an 11kb single-stranded positive-sense RNA genome coding for a polyprotein, which is post- and co-translationally processed into three structural proteins and seven non-structural proteins. The largest of the structural proteins, the envelope (E) protein (445aa), is the major component of the virion surface. It is the primary immunogen and plays a central role in receptor binding and membrane fusion. It is the primary immunogen and plays a central role in receptor binding and membrane fusion.
<b>Keywords</b>	Yellow fever virus; Envelope protein; E protein