



Recombinant yellow fever virus Env protein [His] (WB control) (DAG-832)

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

PRODUCT INFORMATION

Product Overview	Recombinant Yellow fever virus envelope protein was expressed in E.coli cells as his-tag fusion protein
Purity	> 95%
Conjugate	His
Applications	WB, ELISA
Molecular Weight	50 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	100 µl
Buffer	50 mM Tris-HCl, 8M urea, 0.5 mM EDTA, 5 mM b-Mercatoethanol, 0.25 M NaCl and 0.25 M imidazole
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	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
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(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.

Keywords	Yellow Fever Virus; Envelope protein; YFV
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