



Recombinant yellow fever virus Env protein(aa 1-445) [His] (DAG-833)

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

PRODUCT INFORMATION

Antigen Description	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.
Purity	>95%
Conjugate	His
Applications	Western Blotting: Purified YFVEN is ~50 KDa. Load ~100-200 ng/lane for good visibility with appropriate antibodies. ELISA (1:10-50K; using 50-100 ng antigen/well).
Molecular Weight	50 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	10 µg
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	Short-term: unopened, undiluted vials for less than a week at 4°C. Long-term: at -20°C or below in suitable aliquots after reconstitution. Do not freeze and thaw and store working, diluted

solutions.

BACKGROUND

Keywords Yellow fever virus; Envelope protein; E protein
