Recombinant YFV Envelope Protein, hFc-tagged

Cat. No. YEL-624 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Yellow Fever virus Envelope protein sequence corresponds to amino acids 287-678 of the polyprotein. The transmembrane portion of the wildtype protein has been replaced with a glycine-serine linker coupled to a human IgG1 Fc chain that carries mutations allowing for a monovalent Fc dimer. The second Fc chain carrying the complementing mutations is not loaded with antigen.
Tag	Fc
Background	Yellow fever continues to be a public health concern inmany countries of Africa and the Americas. It is estimated that 200 000 cases and 30 000 deaths are attributable to yellow fever annually. The Yellow Fever Virus Envelope protein has been manufactured in response to the need for a highly purified, concentrated protein for use in further vaccine development and serological based diagnostic assays.
Formulation	DPBS pH 7.4, sterile filtered
Freezing	Can be frozen, but avoid multiple freeze/thaw cycles.
Storage	Short Term Storage: +2 centigrade to +8 centigrade Long Term Storage: -80 centigrade
Concentration	0.59 mg/mL
Notes	This product is intended for research and manufacturing uses only. It is not a diagnostic device. The user assumes all responsibility for care, custody and control of

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	the material, including its disposal, in accordance with all regulations.
Type	Recombinant
ClassID 1	Infectious Disease

GENE INFORMATION

Synonyms	Yellow Fever Virus Envelope

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