

### Certificate of Analysis

**Name:** Mayaro virus E2 protein [human Fc-tag], recombinant antigen

**Product code:** REC31629-100

**Batch #:** 1803141531P

**Description:** Recombinant gene product from Mayaro virus, corresponding to amino acid 325-691 of the structural polyprotein. A glycine-serine linker and human IgG1 Fc-tag was fused to the C-terminus of this recombinant protein.

**Sequence Strain:** Acre27(GenBank accession number KM400591.1)

**Amount:** 100µg

**Protein conc.:** 0.27 mg/ml

**Presentation:** Liquid, sterile filtered

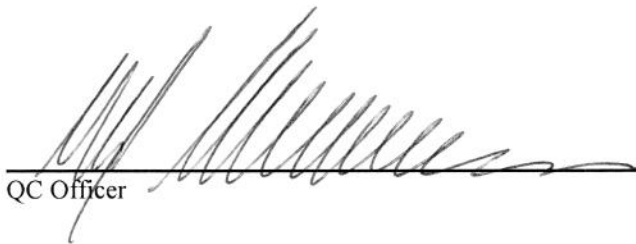
**Buffer:** Dulbecco's phosphate buffered saline pH7.4

#### Usage guidelines

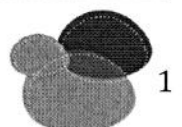
**Storage:** Short term: +2°C to +8°C  
Long Term: -80°C

**Stability:** Not tested

**Freezing:** Can be frozen, but avoid multiple freeze/thaw cycles

  
QC Officer

16-MAR-2016  
Date

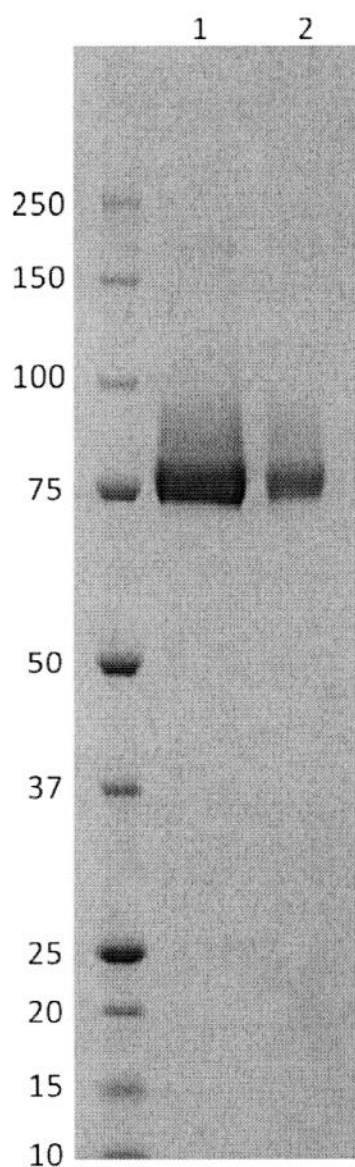


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1: REC31628 batch 1803141523P [2.5ug]

2: REC31628 batch 1803141523P [0.7ug]



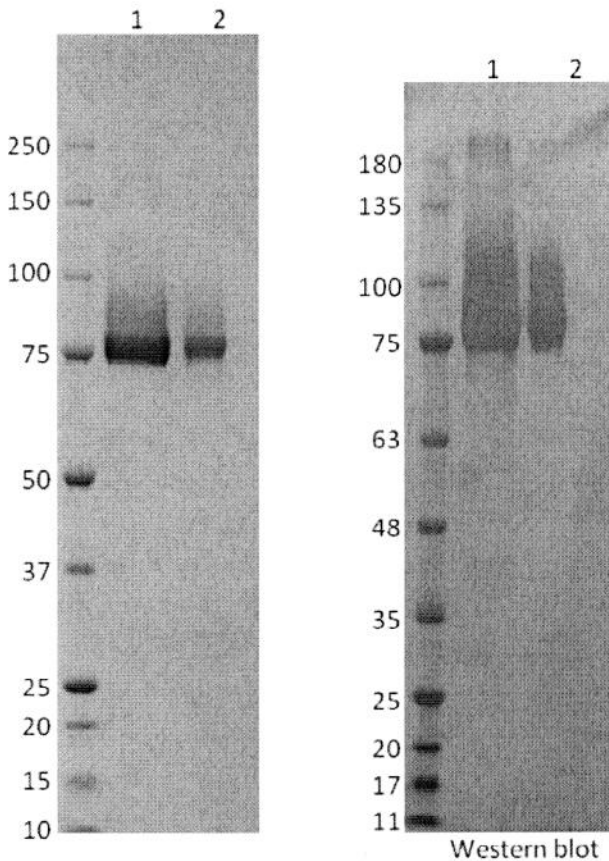
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Western blots were performed as follows: As primary antibody for the Western blot a sheep serum raised against Chikungunya virus-like particles was used at a dilution of 1:8,000. Bound sheep IgG was detected with STAR88P secondary antibody (HRP conjugate) (Biorad).



1: REC31629 batch 1803141531P [2.5ug]  
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Direct ELISA was performed as follows: A Nunc Maxisorp plate was coated with antigens and quantities given below for 1h in 0.2M sodium carbonate pH9.6. Plate was then blocked with 2% BSA, then incubated with a 1:2,000 dilution of a sheep serum raised against Chikungunya virus-like particles. Bound sheep IgG was detected using STAR88P (Biorad) at 1:2,000.

**Mayaro virus antigens ELISA - serum reactivity**

