

Product Data Sheet – Recombinant Antigen

Name of product	Chikungunya Glycoprotein E2
Order No.	BA148R1
Lot No.	Lot specific
Source	Recombinant protein, expressed in insect cells
Product description	Chikungunya virus glycoprotein E2
Purification	By chromatography
Presentation	The antigen is presented in buffer at pH 8.0, containing 50 mM phosphate, 300 mM NaCl and 10 % glycerol.
Storage	-65 °C or below. Avoid repeated freeze-thaw cycles.
Date of manufacture	Lot specific
Expiry	10 years from date of manufacture (when stored under recommended conditions)
Manufacturer	Institut Virion\Serion GmbH, Germany

For research or manufacturing use only. Not for use in diagnostic procedures.

2020-01-13

Analysis:

Test	Method	Specification
Protein concentration	UV absorption measurement (280 nm)	0.5 – 5 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic Chikungunya Virus IgG (ESR148G)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range