

## Product Data Sheet – Recombinant Antigen

<b>Name of product</b>	Rubella Spike Ectodomain (E1-E2)
<b>Order No.</b>	BA129R01
<b>Lot No.</b>	Lot specific
<b>Source</b>	Recombinant protein, expressed in insect cells
<b>Product description</b>	Spike glycoprotein ectodomain (spikes comprised of multiple E1 and E2 domains) of Rubella virus strain HPV-77. Molecular weight: 78 kDa.
<b>Affinity tag</b>	Strep-tag
<b>Purification</b>	By chromatography
<b>Presentation</b>	The protein is presented in a buffer formulation containing HEPES/NaOH, NaCl, arginine and 10 % glycerol at pH 10.
<b>Storage</b>	-65 °C or below. Avoid repeated freeze-thaw cycles.
<b>Date of manufacture</b>	Lot specific
<b>Expiry</b>	10 years from date of manufacture (when stored under recommended conditions)
<b>Manufacturer</b>	Institut Virion\Serion GmbH, Germany

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

2021-02-22

### Analysis:

Test	Method	Specification
<b>Protein concentration</b>	UV absorption measurement (280 nm)	0.5 – 2 mg/mL
<b>Identity / Purity</b>	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
<b>Immunoreactivity</b>	SERION ELISA classic Rubella IgG (ESR129G) and IgM (ESR129M)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range
<b>Bioburden</b>	Membrane filtration test	≤ 100 cfu/mL