

## Product Data Sheet – Recombinant Antigen

Name of product	EBV Nuclear Antigen EBNA1, P72 (stabilized)
Order No.	BA1362R01
Lot No.	Lot specific
Source	E. coli derived recombinant protein
Product description	Fragment of Epstein-Barr virus (EBV) EBNA1. The protein is intrinsically protected against aggregation and potential degradation of immunoreactivity. Molecular mass: 36 kDa.
Affinity tag	His-tag
Purification	By chromatography
Presentation	The protein is presented in 40 mM phosphate buffer at pH 7.0, containing 1 M NaCl and 8 M urea.
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.

2022-12-22

### Analysis:

Test	Method	Specification
Protein concentration	UV absorption measurement (280 nm)	1 – 3 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	SERION ELISA classic Epstein-Barr Virus EBNA1 IgG (ESR1362G)	QC serum panel (multiple negative, borderline and positive sera) within defined reactivity range
Bioburden	Membrane filtration test	≤ 100 cfu/mL