Product Data Sheet – Recombinant Antigen

Name of product	Jo-1
Order No.	BA503R01
Lot No.	Lot specific
Source	E. coli derived recombinant protein
Product description	Recombinant human Jo-1 antigen (Aminoacyl-Histidyl tRNA Synthetase Jo-1); Molecular mass: 59 kDa
Affinity tag	Strep-tag
Purification	By chromatography
Presentation	The protein is presented in 50 mM HEPES/NaOH pH 8.0, 150 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. 2025-12-15

Analysis:

Test	Method	Specification
Protein concentration	Bradford assay (Bio-Rad) with BSA as reference standard	0.5 – 2 mg/mL
Identity / Purity	SDS-PAGE (reducing)	Major bands comparable to Reference Standard
Immunoreactivity	Bead-based Immunoassay IgG	QC Comparison to master lot within specified range

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