

Protein A33 from Monkeypox Virus with N-Terminal Histidine and GST tags, Recombinant from *Escherichia coli*

Catalog No. NR-58635

Sino Biological Catalog No. 40885-V53E

Product Description:

A recombinant form of protein A33 from the monkeypox virus (MPXV) was expressed in *Escherichia coli* and purified by affinity tag and size exclusion chromatography. NR-58635 contains the full-length MPXV A33 protein and features a hexa-histidine tag, glutathione S-transferase (GST) tag and an HRV3C protease cleavage site at the N-terminus. NR-58635 has a theoretical molecular weight of approximately 44.07 kDa.

Lot: LC17MA2706

Manufacturing Date: 27MAR2023

TEST	SPECIFICATIONS	RESULTS
Appearance	Lyophilized powder	Lyophilized powder
Purity SDS-PAGE and Quantitative Densitometry	Target protein band(s) > 85%	Target protein band(s) 86%
Final Product Amount per vial	Report results	50 µg
pH	7.5 ± 0.5	7.5 ± 0.5
Endotoxin Content (Limulus Amoebocyte Lysate Assay)	< 1 EU/µg	< 1 EU/µg

/Sonia Bjorum Brower/

Sonia Bjorum Brower

08 MAY 2023

Technical Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

