

Telomere-Binding Protein I1L from Monkeypox Virus with N-Terminal Histidine Tag, Recombinant from *Escherichia coli*

Catalog No. NR-58693

Sino Biological Catalog No. 40888-V07E

Product Description:

A recombinant form of the telomere-binding protein I1L from monkeypox virus (MPXV; GenPept: [NP_536489](#)) was expressed in *Escherichia coli* and purified using tag-based affinity purification. NR-58693 contains the full-length MPXV I1L protein and features an HRV3C protease cleavage site and hexa-histidine tag at the N-terminus. NR-58693 has a theoretical molecular weight of approximately 37,710 daltons.

Lot: ME16JU1701

Manufacturing Date: 17JUN2022

TEST	SPECIFICATIONS	RESULTS
Appearance	Transparent liquid, free of foreign material	Transparent liquid, free of foreign material
Purity SDS-PAGE and Quantitative Densitometry	Target protein band(s) > 90%	Target protein band(s) 95.0%
Protein Concentration (A ₂₈₀)	Report results	1.01 mg per mL
Final Product Amount per vial Volume per vial	Report results Report results	50 µg 50 µL
pH	7.4 ± 0.5	7.4 ± 0.5
Endotoxin Content (Limulus Amoebocyte Lysate Assay)	< 1 EU per µg	< 1 EU per µg

/Sonia Bjorum Brower/

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21 OCT 2022

Technical Manager or designee, ATCC Federal Solutions

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