

Bioassayplus Inc.

4510 Rhodes Dr. Windsor, Canada N8W 5K5

Certificate of Analysis

- Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.
- Catalogue #:** Mpox-B5R
- Description:** B5R protein is an envelope protein of Monkeypox virus. Monkeypox virus B5R was expressed and purified from *E. coli* and migrated at 32kDa on SDS-PAGE. 6 x his tag links to C-terminal of this protein.
- Reference:** Vaccination of BALB/c Mice with *Escherichia coli*-Expressed Vaccinia Virus Proteins A27L, B5R, and D8L Protects Mice from Lethal Vaccinia Virus Challenge. JOURNAL OF VIROLOGY, Apr. 2008, p. 3517–3529
- Source:** *E. coli*
- Format:** Purified, Liquid
- Purification:** >95% pure (12% SDS-PAGE Coomassie blue staining). Proprietary chromatographic technique
- Concentration:** 0.8mg/ml (Lot: 112022)
- Buffer:** PBD/25mM K₂CO₃
- Preservative:** 0.05% sodium nitrate
- Applications:** Immunoassay
- Storage:** Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

