

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** R01428 **Lot #:** 4J28715

**Description:** HPV16 L1 Protein, Recombinant  
Human Papilloma Virus Type 16 (HPV16), L1 Protein, Recombinant

Immunoreactivity is confirmed by reaction in quantitative immunoblot with monoclonal antibody specific to HPV L1 (Catalog# MAV56-981). Does not contain a fusion partner.

**Source:** *Hansenula polymorpha*

**Format:** Purified, Liquid

**Purification:** > 90% pure (SDS-PAGE). Purification from broken yeast cells by the following scheme: clarification, ammonium sulfate precipitation, ultrafiltration, cation exchange chromatography, zonal centrifugation, size exclusion chromatography and sterile filtration.

**Concentration:** 1.52 mg/mL (Lowry)

**Buffer:** 20 mM Potassium Dihydrogen Phosphate (KH<sub>2</sub>PO<sub>4</sub>), pH 7.2 containing 320 mM Sodium Chloride, 1.7 mM EDTA, 0.01% Tween-80 and 10 mM histidine.

**Preservative:** None

**Applications:** Suitable for use in Immunoblot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store at -20°C.

**Inactivation:** Not Applicable

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



12 February 2021

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**