

# Human Papilloma Virus type 33 (HPV 33) L1 protein (VLP)

Catalog Number: HPV33



Sino Biological  
Biological Solution Specialist

## General Information

**Source:** HPV

**Expression Host:** Baculovirus-Insect Cells

## QC Testing

**Purity:** > 95 % as determined by SDS-PAGE.

## Endotoxin:

< 0.01 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

## Stability:

Samples are stable for up to twelve months from date of receipt at  $-70\text{ }^{\circ}\text{C}$

## Molecular Mass:

The recombinant HPV 33 L1 consists of 499 amino acids and predicts a molecular mass of 56 kDa.

## Formulation:

Sterile 20 mM His, 0.5 M NaCl, pH 6.2, formaldehyde ( $\leq 40\text{ }\mu\text{g}/\text{mL}$ ).

## Usage Guide

### Storage:

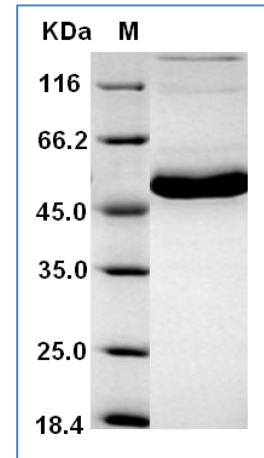
Store it under sterile conditions at  $-20\text{ }^{\circ}\text{C}$  to  $-80\text{ }^{\circ}\text{C}$  upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE before formaldehyde cross-linking:



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