## Overview

**Product name**
Recombinant HPV16 L1 protein

**Protein length**
Full length protein

## Description

**Nature**
Recombinant

**Source**
Saccharomyces cerevisiae

**Amino Acid Sequence**

**Accession**
P03101

**Molecular weight**
56 kDa

**Amino acids**
1 to 505

## Specifications

Our Abpromise guarantee covers the use of ab119880 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications**
- ELISA
- Western blot
- SDS-PAGE
- Electron Microscopy

**Purity**
> 90% SDS-PAGE.
ab119880 is purified by ultracentrifugation.

**Form**
Lyophilised

## Preparation and Storage

**Stability and Storage**
Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.

**Constituent:** 99% PBS

**Reconstitution**
Reconstitute in 50 µl of water. Then dilute with PBS to the required concentration.
Relevance

L1 is a major capsid protein of type 16 human papilloma virus. Infection with specific types of HPV has been associated with an increased risk of developing cervical neoplasia. HPV types 6 and 11 have been associated with relatively benign diseases such as genital warts but types 16 and 18 are strongly associated with cervical, vaginal, and vulvar malignancies.

Cellular localization

Virion. Host Nucleus.

Images

SDS-PAGE analysis of ab119880.

Lane 1. ab119880, 1 µg/lane
Lane 2. MWT marker 11.0, 17.0, 26.0, 34.0, 43.0, 55.0, 72.0, 95.0, 130.0, 170.0 kDa.

ab119880 viewed by electron microscopy.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
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