## Product datasheet

### Recombinant HPV16 L1 protein ab119880

#### 2 Images

### Description

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Recombinant HPV16 L1 protein</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Purity</strong></td>
<td>&gt; 90% SDS-PAGE. ab119880 is purified by ultracentrifugation.</td>
</tr>
<tr>
<td><strong>Expression system</strong></td>
<td>Saccharomyces cerevisiae</td>
</tr>
<tr>
<td><strong>Accession</strong></td>
<td>P03101</td>
</tr>
<tr>
<td><strong>Protein length</strong></td>
<td>Full length protein</td>
</tr>
<tr>
<td><strong>Animal free</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Nature</strong></td>
<td>Recombinant</td>
</tr>
<tr>
<td><strong>Predicted molecular weight</strong></td>
<td>56 kDa</td>
</tr>
<tr>
<td><strong>Amino acids</strong></td>
<td>1 to 505</td>
</tr>
</tbody>
</table>

### 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

#### 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 ul of water. Then dilute with PBS to the required concentration.

### General Info

**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.

Electron Microscopy - Recombinant HPV16 L1 protein (ab119880)

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

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