9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# HPV 11

*Human Papillomavirus 11 Recombinant*
*VAG0356*

## Product Overview

| | |
|---|---|
| Name | HPV 11 |

**Description**

Human Papillomavirus 11 Recombinant

**Synonyms**

Papillomavirus, HPV, Papilloma Virus.

**Introduction**

Human papillomaviruses (HPVs) are a group family with more than 150 related viruses. HP 6 and 11 considered as low-risk HPVs can be sexually transmitted, causing warts to emerge on or around the genitals or anus, known as condylomata acuminate. HPV 11 major/large capsid antigen is used in clinical diagnosis to test the specific antibody to this virus induced by the virus infection, the positive reaction of this antibody is deemed as a marker for present and past infection. Furthermore, HPV 11 large capsid is used as a potential candiadate for vaccine development.

**Source**

E.Coli.

**Physical Appearance**

Sterile filtered clear liquid formulation.

**Formulation**

Recombinant HPV11 solution in PBS, 2M Urea and 25mM K 2 CO 3 .

**Stability**

Recombinant HPV-11 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**Purity**

Protein is >90% pure as determined by 12% SDS-PAGE (coomassie staining).

**Amino acid sequence**

VDKLWRPSDSTVYVPPPNPVSKVVATDAYVKRTNIFYHASSSRLLAVGHPYYSIKKVNKTVVPK
VSGYQYRVFKVVLPDPNKFALPDSSLFDPTTQRLVWACTGLEVGRGQPLGVGVSGHPLLNKYDD
VENSGGYGGNPGQDNRVNVGMDYKQTQLCMVGCAPPLGEHWGKGTQCSNTSVQNGDCPPLELIT
SVIQDGDMVDTGFGAMNFADLQTNKSDVPLDICGTVCKYPDYLQMAADPYGDRLFFYLRKEQMF
ARHFFNRAGTVGEPVPDDLLVKGGNNRSSVASSIYVHTPSGSLVSSEAQLFNKPYWLQKAQGHN

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NGICWGNHLFVTVVDTTRSTNMTLCASVSKSATYTNSDYKEYMRHVEEFDLQFIFQLCSITLSA

EVMAYIHTMNPSVLEDWNFGLSPPPNGTLEDTYRYVQSQAITCQKPTPEKEKQDPYKDMSFWEV

NLKEKFSSELDQFPLGRKFLLQSGYRGRTSARTGIKRPAVSKPSTAPKRKRTKTKKKFGTKLSR.

## Applications

Each laboratory should determine an optimum working titer for use in its particular application.

## Precautions

HPV 11 is for research use only and not for use in diagnostic or therapeutic procedures.