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HPV 6

Human Papillomavirus 6 Recombinant
VAG0359

Product Overview

Name	HPV 6

Description

Human Papillomavirus 6 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-6 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-6 large capsid is used as a potential candidate for vaccine development.

Source

E.Coli.

Physical Appearance

Sterile filtered clear liquid formulation.

Formulation

PBS, 50mM arginine and 3M Urea.

Stability

Recombinant HPV-6 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 10% PAGE (coomassie staining).

Amino acid sequence

VDVPPPNPVSKVVATDAYVTRTNIFYHASSSRLLAVGHPYFSIKRANKTVVP
KVSGYQYRVFKVVLPDPNKFALPDSSLFDPTTQRLVWACTGLEVGRGQPLGV
GVSGHPFLNKYDDVENSGSGGNPGQDNRVNVGMDYKQTQLCMVGCAPPLGEH
WGKGKQCTNTPVQAGDCPPLELITSVIQDGDMVDTGFGAMNFADLQTNKSDV
PIDICGTTCKYPDYLQMAADPYGDRLFFFLRKEQMFARHFFNRAGEVGEPVP

DTLIIKGSGNRTSVGSSIYVNTPSGSLVSSEAQLFNKPYWLQKAQGHNNGIC

WGNQLFVTVVDTTRSTNMTLCASVTTSSTYTNSDYKEYMRHVEEYDLQFIFQ

LCSITLSAEVMAYIHTMNPSVLEDWNFGLSPPPNGTLEDTYRYVQSQAITCQ

KPTPEKEKPDPYKNLSFWEVNLKEKFSSELDQYPLGRKFLLQSGYRGRSSIR TGVKRPAVSKASAAPKRKRAK.

Applications

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

Precautions

HPV 6 is for research use only and not for use in diagnostic or therapeutic procedures.