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

HPV 16

Human Papillomavirus 16 Recombinant
VAG0357

Product Overview

Name	HPV 16

Description

Human Papillomavirus 16 Recombinant

Synonyms

Papillomavirus, HPV, Papilloma Virus.

Introduction

Human papillomavirus family consist of over 200 types. Over than 30 to 40 types of HPV are transferred via sexual contact and infect the anogenital region initiating genital warts. Persistent infection with "high-risk" HPV types results in skin warts and leads to precancerous lesions and invasive cancer. HPV infection is considered as a source for all incidents of cervical cancer.

Source

E.Coli.

Physical Appearance

Sterile filtered clear liquid formulation.

Formulation

Recombinant HPV-16 solution in PBS, 100mM arginine and 3M Urea.

Stability

Recombinant HPV-16 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% SDS-PAGE (Coomassie staining).

Amino acid sequence

MQVTFIYILVITCYENDVNVYHIFFQMSLWLPSEATVYLPPVPVSKVVSTDEYVARTN
IYYHAGTSRLLAVGHPYFPIKKPNNNKILVPKVSGLQYRVFRIHLPDPNKFGFPDTSF
YNPDTQRLVWACVGVEVGRGQPLGVGISGHPLLNKLDDTENASAYAANAGVDNRECIS
MDYKQTQLCLIGCKPPIGEHWGKGSPCTNVAVNPGDCPPLELINTVIQDGDMVHTGFG
AMDFTTLQANKSEVPLDICTSICKYPDYIKMVSEPYGDSLFFYLRREQMFVRHLFNRA
GTVGENVPDDLYIKGSGSTANLASSNYFPTPSGSMVTSDAQIFNKPYWLQRAQGHNNG

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ICWGNQLFVTVVDTTRSTNMSLCAAISTSETTYKNTNFKEYLRHGEEYDLQFIFQLCK

ITLTADVMTYIHSMNSTILEDWNFGLQPPPGGTLEDTYRFVTQAIACQKHTPPAPKED

DPLKKYTFWEVNLKEKFSADLDQFPLGRKFLLQAGLKAKPKFTLGKRKATPTTSSTST TAKRKKRKL.

Precautions

HPV 16 is for research use only and not for use in diagnostic or therapeutic procedures.