
Product Data Sheet

Product Name: HPV 18
Cat. No.: GP25438
Batch No.: 1

Product Data

Purity >98% Source
Physical Appearance solid Shipping Condition

Synonyms Papillomavirus; HPV; Papilloma Virus.

Amino Acid Sequence VDVYLPPPSVARVVNTDDYVTPTSIFYHAGSSRLTGVNPNYFRVPAGGGNKQDIPKVSAYQYRVFRVQLPDPNKFGLPDTSIYNPETQRLVWACAGVEIG

Formulation Recombinant HPV-18 solution in PBS and 2M Urea.

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. E2, E6, and E7 proteins of HPV-16 and 18 are considered the main viral oncoproteins that take part in cervical cancer. The type-specific antigen epitopes of E2, E6, and E7 proteins of HPV-16 are fused together and expressed in E. coli for diagnostic purpose.

Background

The Recombinant HPV-18 is a full length large capsid protein having an Mw of 55kDa expressed in E. coli and fused to a GST-Tag, having a total Mw of 78kDa, purified by standard chromatography.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA