

Product Data Sheet

Product Name: HPV 16
 Cat. No.: GP25437
 Batch No.: 1

Product Data

Purity >98%

Source

Physical Appearance solid

Shipping Condition

Synonyms Papillomavirus; HPV; Papilloma Virus.

Amino Acid Sequence MQVTFIYLITCYENDVNVYHIFQMSLWLPSEATVYLPPVPVSKVSTDEYVARTNIYYHAGTSRLLAVGHPYFPIKKPNNNKILVPKVSGLQYRVFRIHLF

Formulation Recombinant HPV-16 solution in PBS, 100mM K₂CO₃ and 5M 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.

Stability

Recombinant HPV-16 although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

Background

The Recombinant HPV-16 antigen is a full length protein expressed in E. coli having an Mw of 56.7kDa. The protein is fused to a 26kDa GST-Tag, having a total Mw of 78kDA and purified by standard chromatography.

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

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