
Product Data Sheet

Product Name: HPV 11
Cat. No.: GP25440
Batch No.: 1

Product Data

Purity >98%

Source

Physical Appearance solid

Shipping Condition

Synonyms Papillomavirus; HPV; Papilloma Virus.

Amino Acid Sequence VDKLWRPSDSTVYVPPNPVSKVATDAYVKRTNIFYHASSRLLAVGHPYYSIKKVNKTVPKVSQYQYRVFKVVLDPNKFALPDSSSLFDPTTQRLVW.

Formulation Recombinant HPV11 solution in PBS, 3M Urea and 100mM arginine.

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 acuminata. 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 candidate for vaccine development.

Stability

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

Background

Recombinant HPV-11 antigen is a 58.1kDa protein covering the full length of HPV-11 major capsid, its N-terminus is fused with a GST tag, having a total molecular weight of 84kDa. The HPV-11 was purified by proprietary chromatographic technique.

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

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