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## Product Data Sheet

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Product Name: HPV 6  
Cat. No.: GP25439  
Batch No.: 1

### Product Data

Purity >98%

Source

Physical Appearance solid

Shipping Condition

Synonyms Papillomavirus; HPV; Papilloma Virus.

Amino Acid Sequence VDVPPNPVSKVVATDAYVTRTNIFYHASSRLLAVGHPYFSIKRANKTVVPKVSQYQYRVFKVVLDPNKFALPDSSLFDPTTQRLVWACTGLEVGRGQ

Formulation 50mM arginine and 3M Urea.

### 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-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.

### Stability

Recombinant HPV-6 although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

### Background

Recombinant HPV6 antigen is a 55.6kDa protein covering the full length of HPV6 major capsid, its N-terminus is fused with a GST tag, having a total Mw of 81.6kDa. The HPV6 was Purified by proprietary chromatographic technique.

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

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