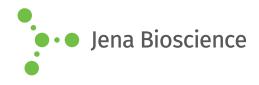
# **DATA SHEET**





## ■ Human Papillomavirus 11 GST

HPV 11 recombinant, E. coli

Cat. No.	Amount
PR-1280	100 μg

### For general laboratory use.

Shipping: shipped on gel packs Storage Conditions: store at -20 °C

Additional Storage Conditions: avoid freeze/thaw cycles

Shelf Life: 12 months Purity: > 95 % (SDS-PAGE)

Form: liquid (Supplied in PBS, 3 M urea and 100 mM arginine)

#### **Description:**

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 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 acuminate. 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.

#### Selected References:

Munoz et al. (2010) Impact of human papillomavirus (HPV)-6/11/16/18 vaccine on all HPV-associated genital diseases in young women. J Natl Cancer Inst.