

**Human Papillomavirus 18^{GST}**HPV 18
recombinant, *E. coli*

Cat. No.	Amount
PR-1282	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:** > 90 % (SDS-PAGE)**Form:** liquid (Supplied 1x PBS and 2 mM Urea)**Description:**

The recombinant HPV-18 (a 56kDa antigen) comprised from *E. coli* and fused to 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 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.

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.* **102**:325.