

## 32-5614: Recombinant Human Papillomavirus 11

**Alternative Name :** Papillomavirus,HPV,Papilloma Virus.

### Description

Source: E.Coli. 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.

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.

### Product Info

<b>Amount :</b>	0.5 mg
<b>Purification :</b>	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
<b>Content :</b>	Recombinant HPV11 solution in PBS and 3M Urea, 100mM arginine
<b>Storage condition :</b>	Recombinant HPV-11 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	VDKLRPSDSTVYVPPNPVSKVVATDAYVKRTNIFYHASSSRLLAVGHPYYSIKKVNKTVVPKVSQYRQYRVFK VVLDPNKFALPDSSLFDPPTTQRLVWACTGLEVGRGQPLGVGVSGHPLLNKYDDVENSAGGYGGNPGQDNRV NVGMDYKQTQLCMVGCAPPLGEHWGKGTQCSNTSVQNGDCPPLELITSVIQDGMVDTGFGAMNFADLQT NKSDVPLDICGTVCKYPDYLQMAADPYGDRLFFYLKQMFARHFFNRAGTVGEPVPDILLVKGNNRSSVAS SIYVHTPSGSLVSSEAQLFNKPYWLQKAQGHNNICWGNHLFVTVVDTTRSTNMTLCASVSKSATYTNDSYKE YMRHVEEFDLQFIFQLCSITLSAEVMAYIHTMNPSVLEDWNFGLSPPPNGTLEDYRYVQSQAITCQKPTPEKEK QDPYKDMSFWEVNLKEKFSSELDQFPLGRKFLQSGYRGRTSARTGIKRPVSKPSTAPKRKRTKTKKFKGTL SR.