



Human Papillomavirus 16 Recombinant

Item Number	rAP-5449
Synonyms	Papillomavirus, HPV, Papilloma Virus.
Description	The Recombinant HPV-16 antigen is a full length protein expressed in E. coli having an Mw of 56.7kDa. The protein is fused to a 26kDa GST-Tag, having a total Mw of 82.7kDa and purified by standard chromatography.
Uniprot Accession Number	
Amino Acid Sequence	<pre>MQVTFIYLITCYENDVNVYHIFQMSLWLPSEATVYLPVPVSKVSTDEYVART- NIYYHAGTSRLLAVGHYPYFIKPKNNKILVPKVSGLQYRVFRIHLPDPNKFGFPDTSFYNPDTQRLVWACV GVEVGRGQPLGVGISGHPLLNKLDDENASAYAANAGVDNRECISMDYKQTQLCLIGCKPPIGEHWGKGS PCTNVAVNPGDCPPLELINTVIQDGDGMVHTGFGAMDFTTLQANKSEVPLDICTSICKYPDYIKMVSEPYGDS LFFYLRRQMFVRHLFNRAAGTVGENVPDDLVIKSGSGSTANLASSNYFPTPSGSMVTSDAQIFNKPYWLQR AQGHNNGICWGNQLFVTVVDTRSTNMSLCAAISTSETTYKNTNFKEYLRHGEEYDLQFIFQLCKITLTADV</pre>
Source	E.Coli.
Physical Appearance and Stability	Sterile filtered clear liquid formulation. Recombinant HPV-16 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	Recombinant HPV-16 solution in PBS, 100mM arginine and 3M Urea. Protein is >90% pure as determined by 10% SDS-PAGE (Coomassie staining).
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**