Recombinant Human Papillomavirus HPV16 protein, GST-tagged

Cat. No. HPV16-251P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Human Papillomavirus
Source	E.coli
Description	Human papillomavirus family consist of over 200 types. Over than 30 to 40 types of HPV are transferred via sexual contact and infect the anogenital region initiating genital warts. Persistent infection with "high-risk" HPV types results in skin warts and leads to precancerous lesions and invasive cancer. HPV infection is considered as a source for all incidents of cervical cancer.
Form	Sterile filtered clear liquid formulation. Recombinant HPV-16 solution in PBS, 100mM arginine and 3M Urea.
Molecular Mass	82.7kDa
AA sequence	MQVTFIYILVITCYENDVNVYHIFFQMSLWLPSEATVYLPPVPVSKVVSTDEYVARTNI YYHAGTSRLLAVGHPYFPIKKPNNNKILVPKVSGLQYRVFRIHLPDPNKFGFPDTSFY NPDTQRLVWACVGVEVGRGQPLGVGISGHPLLNKLDDTENASAYAANAGVDNRECI SMDYKQTQLCLIGCKPPIGEHWGKGSPCTNVAVNPGDCPPLELINTVIQDGDMVHT GFGAMDFTTLQANKSEVPLDICTSICKYPDYIKMVSEPYGDSLFFYLRREQMFVRHL

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	FNRAGTVGENVPDDLYIKGSGSTANLASSNYFPTPSGSMVTSDAQIFNKPYWLQRA QGHNNGICWGNQLFVTVVDTTRSTNMSLCAAISTSETTYKNTNFKEYLRHGEEYDL QFIFQLCKITLTADVMTYIHSMNSTILEDWNFGLQPPPGGTLEDTYRFVTQAIACQKH TPPAPKEDDPLKKYTFWEVNLKEKFSADLDQFPLGRKFLLQAGLKAKPKFTLGKRKA TPTTSSTSTTAKRKKRKL.
Purity	Protein is >90% pure as determined by 10% SDS-PAGE (Coomassie staining).
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Stability	Recombinant HPV-16 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Shipping	Ice Packs
Full Length	Full L.

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