

Recombinant Human Papillomavirus HOV6 protein, GST-tagged

Cat. No. HOV6-253P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HPV6 antigen is a 55.6kDa protein covering the full length of HPV6 major capsid, its N-terminus is fused with a GST tag, having a total Mw of 81.6kDa. The HPV6 was Purified by proprietary chromatographic technique.
Species	Human Papillomavirus
Source	E.coli
Description	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.
Form	Sterile filtered clear liquid formulation. PBS and 3M Urea.
Molecular Mass	81.6kDa
AA sequence	VDVPPPNPVSKVVATDAYVTRTNIFYHASSSRLLAVGHPYFSIKRANKTVVPKVS GYQYRVFKVVLDPDNKFALPDSSLFDPPTTQRLVWACTGLEVGRGQPLGVGVS GHPFLN KYDDVENS GSGGNPGQDNRVNVGMDYKQTQLCMVGCAPPLGEHWGK GKQCTNT PVQAGDCPPLELITSVIQDGMVDTGFGAMNFADLQTNKSDVPIDICG TTCKYPDYL

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QMAADPYGDRLFFFLRKEQM FARHFFNRAGEVGEPVPDTLIIKGSGNRTSVGSSIYV
 NTPSGSLVSSEAQLFNKPYWLQKAQGHNNGICWGNQLFVTVVDTRSTNMTLCAS
 VTTSSSTYTNSDYKEYMRHVEEYDLQFIFQLCSITLSAEVMAYIHTMNPSVLEDWNFG
 LSPPPNGTLEDTRYVQSQAITCQKPTPEKEKPDOPYKNLSFWEVNLKEKFSSELDQY
 PLGRKFLLQSGYRGRSSIRTGVKRPVASKASAAPKRKRAK.

Purity	Protein is >95% pure as determined by 10% PAGE (coomassie staining).
Applications	Each laboratory should determine an optimum working titer for use in its particular application.
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-6 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.