

Datasheet for ABIN7540352
**Human Papilloma Virus 33 Capsid Protein (HPV-33 L1)
protein-VLP**



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Overview

Quantity:	100 µg
Target:	Human Papilloma Virus 33 Capsid Protein (HPV-33 L1)
Origin:	Human Papillomavirus 33 (HPV-33)
Source:	Yeast (Hansenula)
Protein Type:	VLP
Application:	ELISA, SDS-PAGE (SDS), Transmission electron microscopy (TEM), Western Blotting (WB)

Product Details

Purpose:	Recombinant L1 protein of Human Papilloma Virus serotype 33
Sequence:	MSVWRPSEAT VYLPPVPVSK VVSTDEYVSR TSIYYYAGSS RLLAVGHPYF SIKNPTNAKK LLVPKVSGLQ YRVFRVRLPD PNKFGFPDTS FYNPDTQRLV WACVGLEIGR GQPLGVGISG HPLLNKFDDT ETGNKYPGQP GADNRECLSM DYKQTQLCLL GCKPPTGEHW GKGVACTNAA PANDCPPEL INTIIEDGDM VDTGFGCMD F KTLQANKSDV PIDICGSTCK YPDYDKMTSE PYGDSLFFFL RREQMFVRHF FNRAGTLGEA VPDDLVIKGS GTTASIQSSA FFPTPSGSMV TSESQLFNKP YWLQRAQGHN NGICWGNQVF VTVVDTRST NMTLCTQVTS DSTYKNENFK EYIRHVEEYD LQFVFQLCKV TLAEVMTYI HAMNPDILED WQFGLTPPPS ASLQDITYRFV TSQAITCQKT VPPKEKEDPL GKYTFWEVDL KEKFSADLDQ FPLGRKFLLQ AGLKAKPKLK RAAPTSTRTS SAKRKKVKK
Specificity:	Reacts with serotype specific antibodies
Characteristics:	spherical VLP, ~ 60 nm TEM
Purification:	multi-step purification including chromatography and ultra-filtration

Product Details

Purity:	> 95 % L1 protein (SDS-PAGE)
Grade:	Animal-Free

Target Details

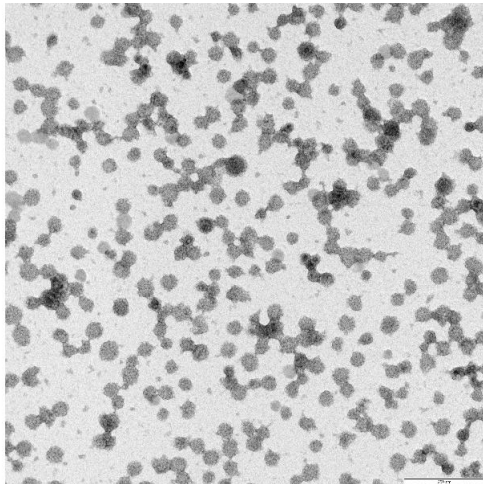
Target:	Human Papilloma Virus 33 Capsid Protein (HPV-33 L1)
Alternative Name:	HPV33 L1
Target Type:	Viral Protein
Molecular Weight:	theor. 55.9 kDa (monomer)
UniProt:	P06416

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	20 mM Histidine, 350 mM sodium chloride, pH 6.5. Less than 0.3 % v/v Tween80
Preservative:	Without preservative
Storage:	-80 °C



Transmission electron microscopy

Image 1. homogeneous spherical particles