

Datasheet for ABIN7540349

## Human Papilloma Virus 16 Capsid Protein (HPV-16 L1) protein-VLP



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	Human Papilloma Virus 16 Capsid Protein (HPV-16 L1)
Origin:	Human Papillomavirus 16 (HPV-16)
Source:	Yeast (Hansenula)
Protein Type:	VLP
Application:	Western Blotting (WB), ELISA, SDS-PAGE (SDS), Transmission electron microscopy (TEM)

### Product Details

Purpose:	Recombinant L1 protein of Human Papilloma Virus serotype 16
Sequence:	MSLWLPSEAT VYLPPVPVSK VVSTDEYVAR TNIYYHAGTS RLLAVGHPYF PIKKPNNNKI LVPKVSGLQY RVFRIHLPDP NKFGFPDTSF YNPDTQRLVW ACVGVEVGRG QPLGVGISGH PLLNKLDDTE NASAYAANAG VDNRECISMD YKQTQLCLIG CKPPIGEHWG KGSPCTNVAV NPGDCPPLEL INTVIQDGDMD VDTGFGAMDF TTLQANKSEV PLDICTSICK YPDYIKMVSE PYGDSLFFYL RREQMFVRHL FNRAGAVGEN VPDDLYIKGS GSTANLASSN YFPTPSGSMV TSDAQIFNKP YWLQRAQGHN NGICWGNQLF VTVVDTRRST NMSLCAAIST SETTYKNTNF KEYLRHGEEY DLQFIFQLCK ITLTADVMTY IHSMNSTILE DWNFGLQPPP GGTLEDYRFF VTSQAIACQK HTPPAPKEDP LKKYTFWEVN LKEKFSADLD QFPLGRKFLL QAGLKAKPKF TLGKRKATPT TSSTSTTAKR KKRKL
Specificity:	Reacts with serotype specific antibodies
Characteristics:	spherical VLP, ~ 60 nm TEM
Purification:	multi-step purification including chromatography and ultra-centrifugation

## Product Details

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

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Grade: Animal-Free

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## Target Details

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Target: Human Papilloma Virus 16 Capsid Protein (HPV-16 L1)

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Alternative Name: HPV16 L1

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Target Type: Viral Protein

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Molecular Weight: theor. 56.3 kDa (monomer)

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## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 0.5 mg/mL

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Buffer: 20 mM Histidine, 350 mM sodium chloride, pH 6.5. Less than 0.3 % v/v Tween80

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Preservative: Without preservative

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Storage: -80 °C

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