

Datasheet for ABIN7540348

Human Papilloma Virus 11 Capsid Protein (HPV11 L1) protein-VLP



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1 Image

Overview

Quantity:	100 µg
Target:	Human Papilloma Virus 11 Capsid Protein (HPV11 L1)
Origin:	Human Papillomavirus (HPV)
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 11
Sequence:	<p>MWRPSDSTVY VPPPNPVSKV VATDAYVKRT NIFYHASSSR LLAVGHPYYS IKKVNKTVVP</p> <p>KVSGYQYRVF KVVLPDPNKF ALPDSSLFDP TTQRLWACT GLEVGRGQPL GVGVSGHPLL</p> <p>NKYDDVENS GYGNGPGQDN RVNVGMDYKQ TQLCMVGCAP PLGEHWGKGT QCSNTSVQNG</p> <p>DCPPLELITS VIQDGMVDT GFGAMNFADL QTNKSDVPLD ICGTVCKYPD YLQMAADPYG</p> <p>DRLFFYLKE QMFARHFFNR AGTVGEPVPD DLLVKGGNNR SSVASSIYVH TPSGSLVSSE</p> <p>AQLFNKPYWL QKAQGHNNGI CWGNHLFVTV VDTTRSTNMT LCASVSKSAT YTNSDYKEYM</p> <p>RHVEEFDLQF IFQLCSITLS AVMAYIHTM NPSVLEDWNF GLSPPPNGTL EDTYRYVQSQ</p> <p>AITCQKPTPE KEKQDPYKDM SFWEVNLKEK FSELDQFPL GRKFLQSGY RGRTSARTGI</p> <p>KRPAVSKPST APKRKRTKTK K</p>
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 11 Capsid Protein (HPV11 L1)

Alternative Name: HPV11 L1

Target Type: Viral Protein

Molecular Weight: theor. 55.8 kDa (monomer)

UniProt: [P04012](#)

Application Details

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

Restrictions: For Research Use only

Handling

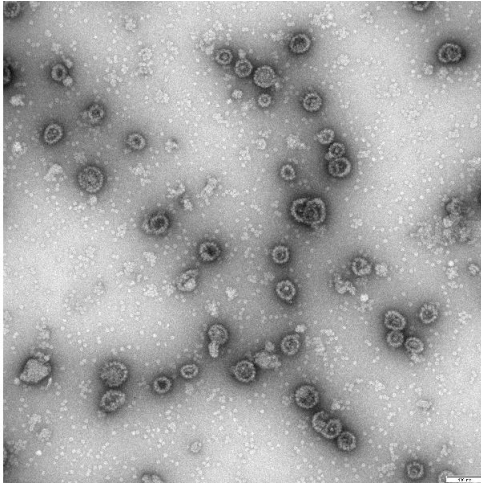
Format: Liquid

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