

Datasheet for ABIN7540350

Human Papilloma Virus 18 Capsid Protein (HPV-18 L1) protein-VLP



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Overview

Quantity:	100 µg
Target:	Human Papilloma Virus 18 Capsid Protein (HPV-18 L1)
Origin:	Human Papillomavirus 18 (HPV-18)
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 18
Sequence:	MALWRPSDNT VYLPPPSVAR VVNTDDYVTR TSIFYHAGSS RLLTVGNPYF RVPAGGGNKQ DIPKVSAYQY RVFRVQLPDP NKFGLPDINSI YNPETQRLVW ACAGVEIGRG QPLGVGLSGH PFYNKLDDE SSHAATSNVS EDVRDNVSVD YKQTQLCILG CAPAIGHWA KGACKSRPL SQGDCPPLEL KNTVLEDGDM VDTGYGAMDF STLQDTKCEV PLDICQSICK YPDYLQMSAD PYGDSMFFCL RREQLFARHF WNRAGTMGDT VPQSLYIKGT GMRASPGSCV YSPSPSGSIV TSDSQLFNKP YWLHKAQGHN NGICWHNQLF VTVVDTTRST NLTICASTQS PVPGQYDATK FKQYSRHVEE YDLQFIFQLC TITLTADVMS YIHSMNSSIL EDWNFGVPPP PTTSLVDTYR FVQSVAITCQ KDAAPAENKD PYDKLKFWNV DLKEKFSLDL DQYPLGRKFL VQAGLRRKPT IGPRKRSAPS ATTSSKPAKR VRVRARK
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 18 Capsid Protein (HPV-18 L1)

Alternative Name: HPV18 L1

Target Type: Viral Protein

Molecular Weight: theor. 56.5 kDa (monomer)

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