

Recombinant Simian Virus 40 Simian Virus 40 Major Capsid VP1 protein ab74565

★★★★★ 1 Abreviews 1 图像

描述

产品名称	重组Simian Virus 40 Simian Virus 40 Major Capsid VP1蛋白		
纯度	> 85 % SDS-PAGE. Purified by ultracentrifugation		
表达系统	Saccharomyces cerevisiae		
蛋白长度	Full length protein		
无动物成分	No		
性质	Recombinant		
种属	Simian Virus 40		
序列	MKMAPTKRKGSCPGAAPKKPKPEVQVPKLVIKGGIEVLGVKT GVDSFTEV ECFLNPQMGNPDEHQGLSKSLAAEKQFTDDSPDKEQLPCYS VARIPLPN LNEDLTCGNILMWEAVTVKTEVIGVTAMLNLHSGTQKTHENG AGKPIQGS NFHFFAVGGEPLELQGVLANYRTKYPAQTVTPKNATVDSQQM NTDHKAVL DKDNAYPVECWVPDPSKNENTRYFGTYTGGENVPPVLHITNT ATTVLLDE QGVGPLCKADSLYVSAVDICGLFTNTSGTQQWKGLPRYFKIT LRKRSVKN PYPISFLLSDLINRRTQRVDGQPMIGMSSQVEEVRYEDTEE LPGDPDMI RYIDFEGQTTTRLQ		

技术指标


Our **Abpromise guarantee** covers the use of **ab74565** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	ELISA
	Western blot
	SDS-PAGE

形式	Lyophilized
制备和贮存	
稳定性和存储	Shipped at 4°C. Store at +4°C. Constituent: PBS
复溶	Reconstitute with deionized H ₂ O.

常规信息	
相关性	Simian virus 40 (SV40) is a small, non enveloped DNA virus with an icosahedral capsid of 45 nm. The simian virus 40 capsid is composed of 72 pentamers of VP1, the major protein of SV40. These pentamers are arranged in a T=7d icosahedral surface lattice, which is maintained by three types of appropriately arranged, non-equivalent interactions between the pentamers. Simian Virus 40 Major Capsid VP1 binds to N-glycolylneuraminic analog of the ganglioside GM1 on the cell surface to provide virion attachment to target cell. Once attached, the virion enters a caveolae and traffics to the endoplasmic reticulum. Inside the endoplasmic reticulum, the protein folding machinery isomerizes VP1 interpentamer disulfide bonds, thereby triggering initial uncoating. Next, the virion uses the endoplasmic reticulum-associated degradation machinery to probably translocate in the cytosol before reaching the nucleus. The assembly takes place in the cell nucleus, encapsulates the genomic DNA and participates in rearranging nucleosomes around the viral DNA. The viral progenies exit the cells by lytic release.
细胞定位	Virion. Nucleus. Endoplasmic reticulum. Note=Following host cell entry, the virion enters into the endoplasmic reticulum through a calveolar-dependent pathway. Then, viral DNA is translocated to the nucleus. Shortly after synthesis, a nuclear localization signal directs VP1 to the cell nucleus where virion assembly occurs.

图片	
	SDS-PAGE showing ab74565 at approximately 44kDa (4.2µg/lane)
SDS-PAGE - Recombinant Simian Virus 40 (SV40) Simian Virus 40 Major Capsid VP1 protein (ab74565)	

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