

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

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製品の詳細

製品名	Recombinant Simian Virus 40 Simian Virus 40 Major Capsid VP1 protein
精製度	> 85 % SDS-PAGE. Purified by ultracentrifugation
発現系	Saccharomyces cerevisiae
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Simian Virus 40
配列	<p>MKMAPTKRKGSCPGAAPKKPKPEVQVPKLVIKGGIEVLGVKT GVDSFTEV ECFLNPQMGNPDEHQGLSKSLAAEKQFTDDSPDKEQLPCYS VARIPLPN LNEDLTCGNILMWEAVTVKTEVIGVTAMLNLHSGTQKTHENG AGKPIQGS NFHFFAVGGEPLQLQGVLANRYTKYPAQTVTPKNATVDSQQM NTDHKAVL DKDNAYPVECWVPDPSKNENTRYFGTYTGGENVPPVLHITNT ATTVLLDE QGVGPLCKADSLYSAVDICGLFTNTSGTQQWKGLPRYFKIT LRKRSVKN PYPISFLLSDLINRRTQRVDGQPMIGMSSQVEEVRYEDTEE LPGDPDMI RYIDFEGQTTTRLQ</p>

特性

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.

アプリケーション	ELISA
	Western blot
	SDS-PAGE

製品の状態	Lyophilized
前処理および保存	
保存方法および安定性	Shipped at 4°C. Store at +4°C. Constituent: PBS
再構成	Reconstitute with deionized H ₂ O.

関連情報	
関連性	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.
細胞内局在	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.

画像	
	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)	

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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