

E7

Recombinant HPV16 E7 / Protein E7, N-His-SUMO, C-Step Tags

Catalog No.	YVV08901A YVV08901B	Quantity:	100 µg 1.0 mg
Alternate Names:	Protein E7, Human papillomavirus type 16		
Description:	HPV 16 Protein E7 plays a role in viral genome replication by driving entry of quiescent cells into the cell cycle. Stimulation of progression from G1 to S phase allows the virus to efficiently use the cellular DNA replicating machinery to achieve viral genome replication. Protein E7 has a role in the inhibition of both antiviral and antiproliferative functions of host interferon alpha.		
UniProt ID:	P03129		
Protein Construction:	His2-Pro98, HPV type 16		
Source:	E. coli		
Formulation:	Lyophilized from sterile-filtered PBS, pH 7.4, 0.02% NLS, 1 mM EDTA, 4% trehalose, 1% mannitol		
Molecular Weight:	24.52 kDa, predicted		
Purity:	> 90 % as determined by SDS-PAGE.		
Applications:	SDS-PAGE, Western Blot, ELISA, Immunogen		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 1.0 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Stable for up to 1 year from date of receipt at -20°C to -80°C. After reconstitution, stable for 1 week at 2-8°C, or store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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