VIROLOGICA SINICA

Electronic Supplementary Material

Influence of Human Papillomavirus E7 Oncoprotein on Maturation and Function of Plasmacytoid Dendritic Cells *In Vitro*

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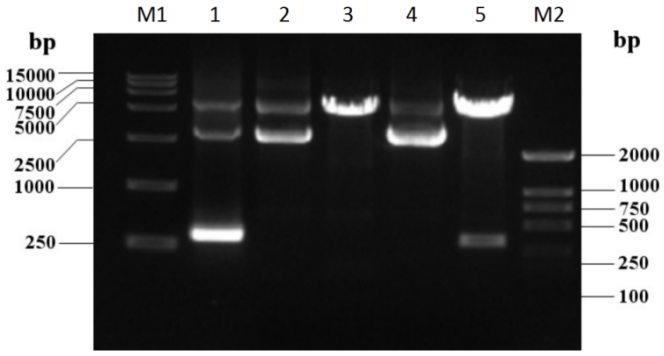

Fig. S1. Construction of the expression vector of the HPV 16 E7. The lane M1 shows the TaKaRa DL15,000 DNA marker; lane 1 shows the HPV 16 E7 gene (PCR from pGEX-4T2-(HPV16E7) vector); lane 2 is the pGEX-4T2 vector; lane 3 is the cleaved pGEX-4T2 vector by *Eco*R I and *Bam*H I; lane 4 shows the reconstructed pGEX-4T2-(HPV16E7) vector; lane 5 is the verification of pGEX-4T2-(HPV16E7) vector that was cleaved by *Eco*R I and *Bam*H I; lane M2 is TaKaRa DL 2,000 DNA marker.

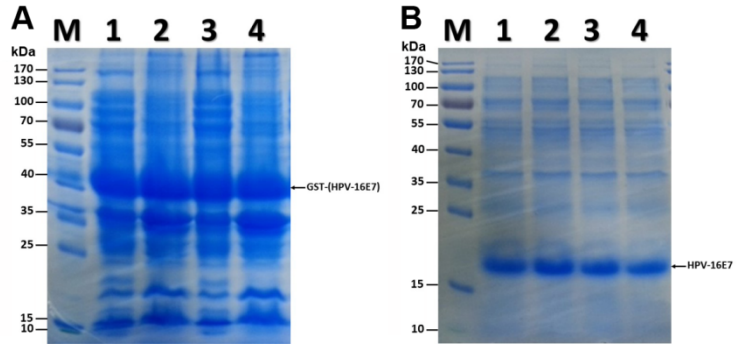

Fig. S2. Expression and purification of HPV 16 E7 protein. (A) Coomassie blue staining for HPV16 E7 fusion protein containing GST-tag. Lane M is the protein ladder. Lanes 1 and 3 show the protein of supernatant of bacteria homogenate after centrifugation. Lanes 2 and 4 show the protein of the sediment. Arrow indicates GST-HPV 16 E7 protein. (B) Coomassie blue staining for purified HPV 16 E7 proteins. Lane M is the protein ladder. Lanes 1 and 2 show the HPV 16 E7 protein without GST-tag. Lanes 3 and 4 show the purified HPV 16 E7 protein dialyzed overnight. Arrow indicates HPV 16 E7 protein.