Figure S1

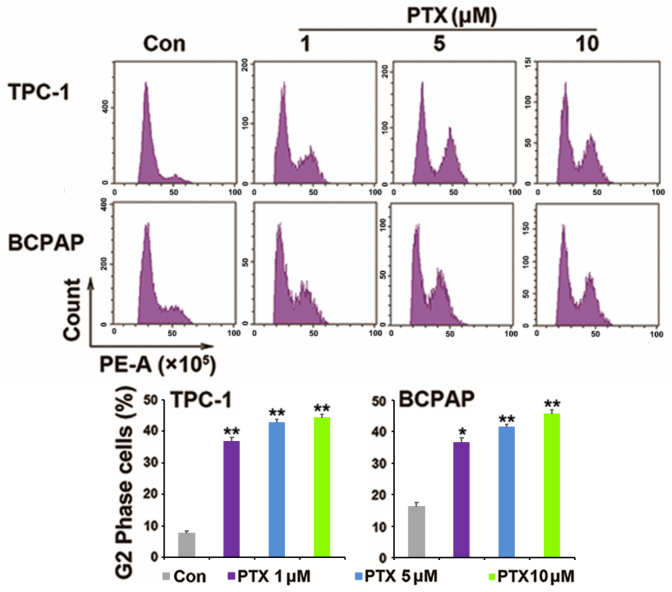

Figure S1. PTX induces G2/M phase cell cycle arrest at 48 h in TPC-1 and BCPAP cells. TPC-1 and BCPAP cells were treated with different concentrations of PTX (1, 5, and 10 μM) for 48 h. Control cells were treated with 0.1% DMSO. Flow cytometry analysis of PI-stained cells was performed to determine the cell cycle distribution. $^{*}P<0.05$, $^{**}P<0.01$. PTX, paclitaxel; PI, propidium iodide.

Figure S2

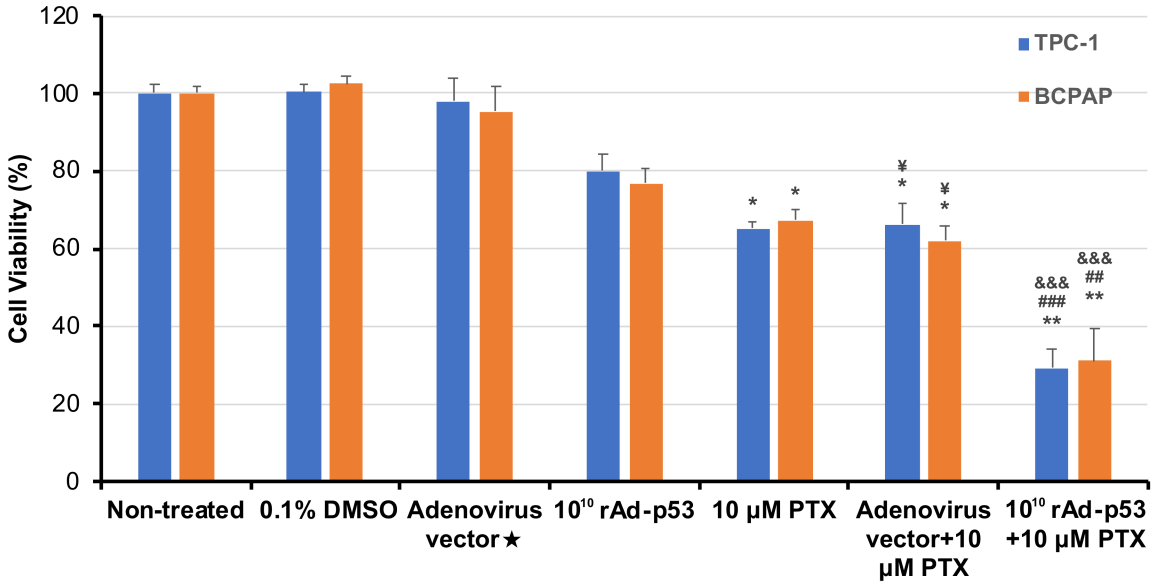

Figure S2. The inhibitory rate of different treatments in PTC cells. ★: The volume of Adenovirus vector which was added into medium was as some as 10^{10}VP rAd-p53. *P<0.05 and **P<0.01: compared with non-treated group; $^{¥}$P<0.05: compared with Adenovirus vector-treated group; $^{\#\#}$P<0.01 and $^{\#\#\#}$P<0.001: compared with rAd-p53-treated group; $^{\&\&\&}$P<0.001: compared with 10 μM PTX-treated group. DMSO, dimethyl sulfoxide; PTX, paclitaxel; rAd-p53, recombinant adenovirus-p53.

Figure S3

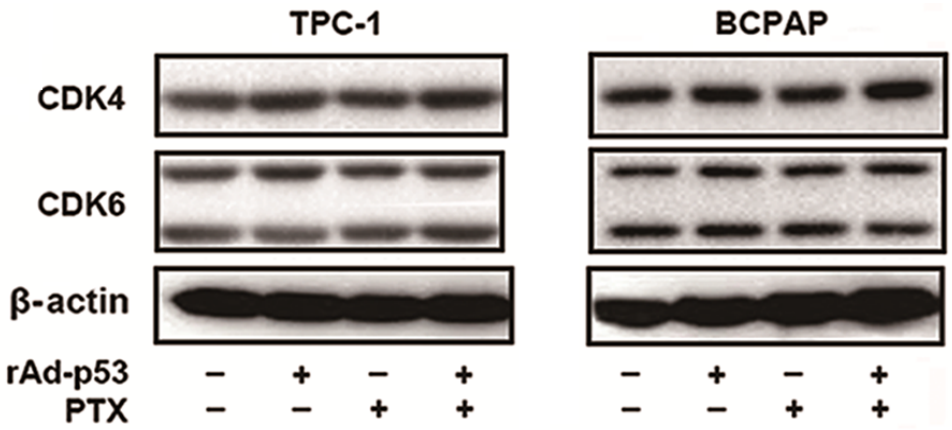

Figure S3. rAd-p53 combined with PTX has no effect on the expression levels of CDK4 and CDK6 proteins in TPC-1 and BCPAP cells. PTX, paclitaxel; rAd-p53, recombinant adenovirus-p53.

Table S1

Table S1 The inhibitory rate of different concentrations of rAd-p53 combined with/without 10 μM PTX in PTC cells.

Cell Line			TPC-1	BCPAP
Inhibitory Rate (%)	Concentrations of rAd-p53	10^9	4.97 ± 1.85	12.84 ± 2.39
		10^{10}	22.76 ± 5.42	19.48 ± 3.28
	10 μM PTX combined with different concentrations of rAd-p53	0	34.36 ± 3.45	31.98 ± 6.97
		10^9	38.93 ± 4.98	36.05 ± 3.31
		10^{10}	67.93 ± 7.06**	65.51 ± 5.95***

**P < 0.01 and ***P < 0.001; 10^{10}VP rAd-p53 combined with 10 μM PTX compared with 10^{10}VP rAd-p53. PTX, paclitaxel; rAd-p53, recombinant adenovirus-p53.

Table S2

Table S2 The inhibitory rate of different concentrations of PTX combined with/without 10^{10}VPrAd-p53 in PTC cells.

Cell Line			TPC-1	BCPAP
Inhibitory Rate (%)	Concentrations of PTX (μM)	1	17.95 ± 2.41	16.96 ± 3.29
		5	34.38 ± 8.72	34.09 ± 3.83
		10	38.04 ± 9.35	33.98 ± 8.43
	10^{10}VP rAd-p53combined with different concentrations of PTX	0	26.05 ± 2.71	15.48 ± 2.59
		1	20.90 ± 3.98	26.37 ± 0.91
		5	59.09 ± 9.83**	61.13 ± 8.97*
		10	62.87 ± 7.77#	67.75 ± 9.39##

*P < 0.05 and **P < 0.01; 10^{10}VP rAd-p53 combined with 5 μM PTX compared with 5 μM PTX; #P < 0.05 and ##P < 0.01; 10^{10}VP rAd-p53 combined with 10 μM PTX compared with 10 μM PTX. PTX, paclitaxel; rAd-p53, recombinant adenovirus-p53.