

**Supplementary Table S1.** Effect of 30Kc19 $\alpha$  on viability and viable cell growth of CHO cells after replacement with serum-free medium. The complete medium was replaced with serum-free DMEM/F12 on Day 3. The table represents the results in Figure 3 ( $n = 3$ ).

		none	8 $\mu$ M 30Kc19 $\alpha$	16 $\mu$ M 30Kc19 $\alpha$	8 $\mu$ M 30Kc19	16 $\mu$ M 30Kc19
Viability (%)	<u>Day 3</u>	98.8 $\pm$ 0.2	98.8 $\pm$ 0.4	98.9 $\pm$ 0.7	99.4 $\pm$ 0.7	99.0 $\pm$ 0.5
	<u>Day 4</u>	87.8 $\pm$ 2.3	88.8 $\pm$ 2.9	87.1 $\pm$ 1.9	86.5 $\pm$ 2.4	82.7 $\pm$ 2.2
	<u>Day 5</u>	81.8 $\pm$ 1.3	80.9 $\pm$ 4.5	83.8 $\pm$ 3.1	80.3 $\pm$ 1.0	78.4 $\pm$ 1.4
	<u>Day 6</u>	68.1 $\pm$ 3.3	63.0 $\pm$ 1.7	63.3 $\pm$ 3.8	64.2 $\pm$ 2.8	54.8 $\pm$ 5.4
Viable cell concentration (10 <sup>4</sup> cells/cm <sup>2</sup> )	<u>Day 3</u>	27.1 $\pm$ 1.8	27.0 $\pm$ 3.7	25.4 $\pm$ 1.6	25.0 $\pm$ 1.4	26.9 $\pm$ 3.6
	<u>Day 4</u>	31.7 $\pm$ 6.1	33.6 $\pm$ 2.6	30.8 $\pm$ 1.9	32.0 $\pm$ 0.8	33.0 $\pm$ 4.7
	<u>Day 5</u>	47.1 $\pm$ 3.4	37.5 $\pm$ 6.1	37.9 $\pm$ 3.3	37.5 $\pm$ 1.7	34.9 $\pm$ 4.3
	<u>Day 6</u>	35.2 $\pm$ 8.1	30.4 $\pm$ 1.5	31.2 $\pm$ 1.8	36.7 $\pm$ 3.1	28.3 $\pm$ 4.3