

Table 1. Optimization of incubation times and temperature for GDNF production using the SFV system.

Shut-off ^a		Postshut-off ^b		OD ^c		Ratio ^d
T ^a (°C)	Time (h)	T ^a (°C)	Time (h)	GDNF	IGFBP-4	GDNF/IGFBP-4
37	4	37	24	44.74	12.32	3.63
37	8	37	24	33.32	0	∞
33	4	33	24	72.47	35.40	2.05
33	8	33	24	49.04	0	∞
33	12	33	24	43.78	0	∞
33	24	33	24	31.97	14.07	2.27
33	4	33	48	100.44	44.22	2.27
33	8	33	48	67.65	15.57	4.34
33	12	33	48	65.53	20.61	3.18
33	24	33	48	39.51	86.22	0.46

^aIncubation period before replacing the initial medium by serum-free medium

^bIncubation period with serum-free medium

^cOptical density of GDNF and IGFBP-4 bands scanned from Western blot analysis

(A.U.)

^dRatio between the GDNF and IGFBP-4 bands intensity