

Table S1. Effects of exogenous SMase C/SM pretreatment on cellular SM content.

cell pre-treatment regimen		[SM] (nM) / total protein (mg) ³	P value ⁴
phase 1 ¹	phase 2 ²		
mock ⁵	mock	78 (± 2) ⁶	-
SMase C ⁷	mock	43 (± 3)	<0.005
mock	SM ⁸	110 (± 5)	0.04
SMase C	SM	65 (± 6)	0.01

¹ During phase 1, cells were incubated for 1 h at 37 °C in a humidified environment and under 5% CO₂, followed by washing with complete cell medium that had been pre-chilled on ice.

² During phase 2, cells were incubated for 30 min on ice.

³ SM was quantified as described under “Experimental Procedures.”

⁴ P values were calculated as described under “Experimental Procedures.” Statistical significance was calculated for differences in SM content of those cells pretreated with SMase C and/or SM and those cells that were mock pre-treated.

⁵ Mock refers to incubation with complete cell medium.

⁶ Error expressed as standard deviations.

⁷ (50 mU/mL)

⁸ (50 μM)