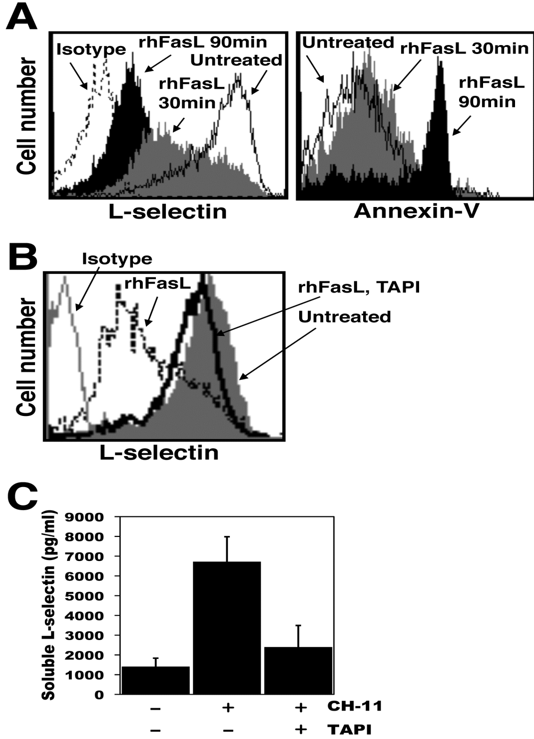
Supplemental Figure 1. L-selectin shedding by Jurkat cells upon their induced apoptosis. **A,** Jurkat cells ($2x10^6$/ml) were either incubated with rhFasL for 30 or 90 min, or they were left untreated, as indicated, for 90 min at 37^oC. **B,** Jurkat cells ($2x10^6$/ml) were either untreated or treated with rhFasL in the presence or absence of TAPI, as indicated, for 30 min at 37^oC. Relative L-selectin surface expression levels and annexin-V reactivity were determined by flow cytometry. Negative control antibody staining of untreated cells is indicated (Isotype). The x axis = Log 10 fluorescence. The data in panels A and B are representative of at least three independent experiments. **C,** Jurkat cells ($4x10^6$/ml) were incubated with the anti-Fas antibody CH-11 in the presence or absence of TAPI for 120 min at 37^oC. The presence of soluble L-

selectin in the cell supernatants was determined by ELISA. Data are the mean (± SD) of 3 independent experiments performed in duplicate.

Supplemental Figure 2. Effects of broad-spectrum protease inhibitors on soluble L-selectin production during later stages of Jurkat cell apoptosis. Jurkat cells (4×10^6/ml) were either untreated or incubated with CH-11 in the presence or absence of TAPI and APMSF-HCl, 6-aminocaproic acid, aprotinin, pepstatin A, chymostatin, or leupeptin for 4 hr at 37°C, as described in the Materials and Methods. The presence of soluble L-selectin in the cell supernatants was determined by ELISA. Data are the mean (± SD) of 2 independent experiments performed in duplicate.

Supplemental Figure 1



Supplemental Figure 2