

Supplementary Figures legends

Supplementary Figure 1. Determination of melting points of the different fusion proteins by dynamic light scattering. The measured melting points are indicated by dotted lines.

Supplementary Figure 2. In vitro cytotoxicity of EHD2-scTRAIL and scFv-EHD2-scTRAIL in comparison with scTRAIL. Cytotoxicity was analyzed with two cell lines (HepG2, HCT116) in absence or presence of bortezomib (250 ng/ml). Cells were incubated for 16 h with the fusion proteins and viable cells were determined by crystal violet staining.

Supplementary Figure 3. In vitro cytotoxicity of scFv-EHD2-scTRAIL in comparison with Db-scTRAIL. Cytotoxicity was analyzed with two cell lines (NCI-H460, Colo205) in absence or presence of bortezomib (250 ng/ml). Cells were incubated for 16 h with the fusion proteins and viable cells were determined by crystal violet staining.