Supplemental Figure S1  Efficiency of EPRS immunoprecipitation. Lysate from U937 cells treated with IFN-γ for 8 h was immunoprecipitated (IP) with polyclonal anti-human EPRS antibody and immunoblotted (IB) with the same antibody, or with pre-immune serum as control.
Supplemental Figure S2  Lysate and conditioned medium from IFN-γ-treated cells do not degrade VEGF-A protein. Recombinant VEGF-A (50 ng) was treated for 1 or 2 h at 37 °C with (A) 8 or (B) 24 µg protein of lysates or conditioned media from 8- and 24-h IFN-γ-treated cells. The mixtures were resolved by SDS-PAGE and immunoblotted with anti-VEGF-A antibody. The higher signal in the lower panel and in the lanes containing cell lysates is due to co-migration of endogenous VEGF-A and recombinant protein.
Supplemental Figure S3  DAPK1 and GLUT10 mRNA bind the GAIT complex in vivo. U937 cells were treated with IFN-γ for 24 h, and lysates immunoprecipitated (IP) with anti-EPRS antibody to isolate GAIT complex, or with control pre-immune serum. RNA associated with the GAIT complex was isolated and was subjected to RT-PCR using primers specific for GLUT10 (top), DAPK1 (middle), or β-actin mRNA (bottom), and products resolved in 1.6% agarose gels.