Supplemental Materials

Title: The Unique Prodomain of T-cadherin Plays a Key Role in Adiponectin Binding with the Essential Extracellular Cadherin Repeats 1 and 2.

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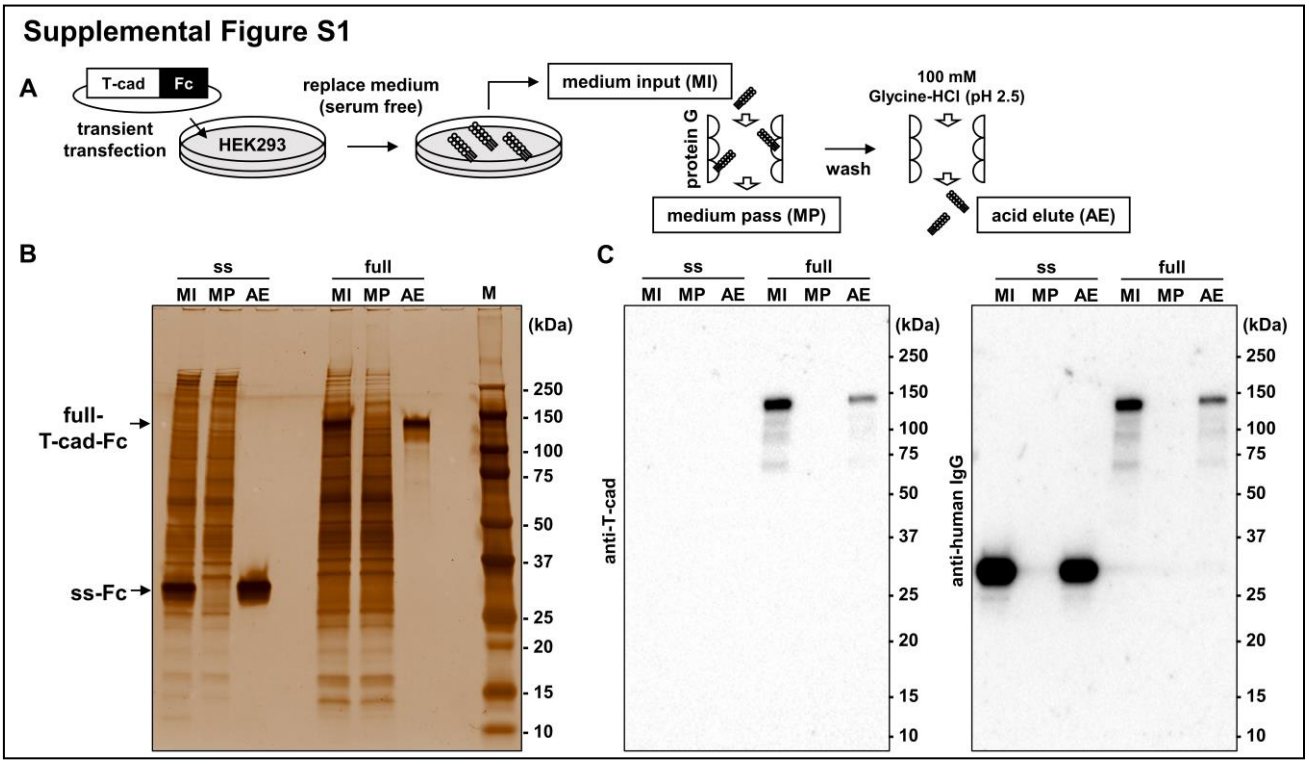

Supplemental Figure S1: Protein G-based T-cadFc capture assay.

A) Schematic illustration of Protein G-based T-cadFc capture assay. One milliliter of Serum-free DMEM containing Fc-fusion protein expressed by HEK293 (MI; medium input) was incubated with Protein G agarose for 1 hour. Following collection of the supernatant (MP; medium pass) and extensive wash, the resin was incubated with 1 mL of 100 mM Glycine-HCl (pH 2.5) for 5 minutes. The elution (AE; acid elute) was collected and immediately neutralized by 2 M Tris-HCl (pH 9.0).

B) Silver staining analysis of each fraction (MI, MP, and AE) for ss-Fc and full-T-cadFc. The same amount (50 μL) of each sample was concentrated with trichloroacetic acid / acetone precipitation and applied to the gel. M; marker.

C) Immunoblots for T-cadherin (left) and human-IgG (right) of each fraction. The same amount (5 μL) of each sample were loaded.