Supplementary Table S1

Supplementary Table S1: Summary of catalytically active human ADAM family members tested as candidates for copper-enhanced shedding activity. The enzymes were transiently over-expressed in HEK-Jagged1 cells prior to a 5 h incubation of mock- and ADAM-transfected cells in the presence or absence of copper (30 μM).

Enzyme	Rationale	Enhances copper-mediated Jagged1 shedding?
ADAM17	Previously shown to be the constitutive Jagged1 sheddase	NO
ADAM12-S	Activity previously shown to be enhanced by copper potentially by the metal-mediated oxidation of unpaired Cys273 in the catalytic domain	NO
ADAM12-L	See ADAM12-S	NO
ADAM8	Unpaired Cys330 in catalytic domain	NO
ADAM19	Unpaired Cys273 in catalytic domain	NO