



# Recombinant Pig Disintegrin and metalloproteinase domain-containing protein 17 (ADAM17)

<b>Product Code</b>	CSB-EP001277PI-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O77636
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLREQFSFDI AEEASKVCLA HLFTYQDFDM GTLGLAYVGS PRANSHGGVC PKAYYSPIGK KNIYLNGLT STKNYKPTIL TKEADLVTH ELGHNFGAEH DPDGLAECAP NE
<b>Source</b>	E.coli
<b>Target Names</b>	ADAM17
<b>Protein Names</b>	Recommended name: Disintegrin and metalloproteinase domain-containing protein 17 Short name= ADAM 17 EC= 3.4.24.86 Alternative name(s): TNF-alpha convertase TNF-alpha-converting enzyme CD_antigen= CD156b
<b>Expression Region</b>	1-112
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This protein functions as a tumor necrosis factor-alpha converting enzyme; binds mitotic arrest deficient 2 protein; and also plays a prominent role in the activation of the Notch signaling pathway.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.