



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

Product Code	CSB-MP001277PI
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O77636
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	>85% (SDS-PAGE)
Sequence	MLREQFSFDI AEEASKVCLA HLFTYQDFDM GTLGLAYVGS PRANSHGGVC PKAYYSPIGK KNIYLNLSGLT STKNYKPTIL TKEADLVTH ELGHNFGAEH DPDGLAECAP NE
Source	Mammalian cell
Target Names	ADAM17
Protein Names	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
Expression Region	1-112
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.