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**ADAM 10**

**Human, Recombinant, *E. coli***

**Cat. No.:** RCP9382

**Size:** 10µg

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**Synonym:** AD10; KUZ; EC 3.4.24.81; A disintegrin and metalloprotease domain 10; mammalian disintegrin-metalloprotease; Kuzbanian protein homolog; CDw156c antigen.

**Description:** ADAM 10 is a member of the ADAM family of membrane-anchored cell surface proteins, which contain both a disintegrin and a metalloprotease domain. ADAM 10 is expressed in a wide variety of tissues and resides on both the cell surface and within the cytoplasm. ADAM10 has been implicated in proteolytic release of a number of cell surface proteins in particular TNF alpha.

**RANDOX** recombinant ADAM 10 comprises a 459 amino acid fragment (214-672) corresponding to the ADAM 10 extracellular domain minus the signal peptide and pro-sequence and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use

**Form:** Liquid.  
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

**Purity:** Single band on Western blot.

**References:** Primakoff, P. & Myles D.G. (2000) *Trends Genetics* **16** (2): 83-87.