

Recombinant Human ADAM28, His-tagged

Cat. No. ADAM28-3002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A Disintegrin And Metalloprotease 28 (ADAM28)
Species	Human
Source	E.coli
ProteinLength	775
Description	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 biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene is a lymphocyte-expressed ADAM protein. Alternative splicing results in two transcript variants. The shorter version encodes a secreted isoform, while the longer version encodes a transmembrane isoform. [provided by RefSeq, Jul 2008]
Form	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Molecular Mass	29.3kDa
Endotoxin	<1.0eu per 1ug (determined by the lal</1.0eu
Purity	>95%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE, Western Blot (WB), ELISA (EIA), Immunoprecipitation (IP)
Notes	Small volumes of ADAM28 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Reconstitution	Reconstitute in sterile PBS, pH 7.2-pH 7.4.
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	ADAM28 ADAM metalloproteinase domain 28 [Homo sapiens]
Official Symbol	ADAM28
Synonyms	ADAM28; ADAM metalloproteinase domain 28; a disintegrin and metalloproteinase domain 28; disintegrin and metalloproteinase domain-containing protein 28; ADAM23; eMDCII; MDC Lm; MDC Ls; metalloproteinase-like, disintegrin-like, and cysteine-rich protein-L; epididymal metalloproteinase-like, disintegrin-like, and cysteine-rich protein II; MDCL; MDC-L; MDC-Lm; MDC-Ls; ADAM 28; eMDC II;

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Gene ID	10863
mRNA Refseq	NM_014265
Protein Refseq	NP_055080
MIM	606188
UniProt ID	Q9UKQ2
Chromosome Location	8p21.2
Function	metal ion binding; metalloendopeptidase activity; metallopeptidase activity; peptidase activity; zinc ion binding;

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