Recombinant Human ADAM20, His-tagged

Cat. No. ADAM20-3001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A Disintegrin And Metalloprotease 20 (ADAM20)
Species	Human
Source	E.coli
ProteinLength	776
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 expression of this gene is testis-specific. [provided by RefSeq, Jul 2008]
Form	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Molecular Mass	29.0kDa
Endotoxin	<1.0eu per 1ug (determined by the lal</1.0eu
Purity	>95%
Applications	SDS-PAGE, Western Blot (WB), ELISA (EIA), Immunoprecipitation (IP)

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Notes	Small volumes of ADAM20 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 targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	ADAM20 ADAM metallopeptidase domain 20 [Homo sapiens]
Official Symbol	ADAM20
Synonyms	ADAM20; ADAM metallopeptidase domain 20; a disintegrin and metalloproteinase domain 20; disintegrin and metalloproteinase domain-containing protein 20; ADAM 20;
Gene ID	8748
mRNA Refseq	NM_003814

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Protein Refseq	NP_003805
MIM	603712
UniProt ID	O43506
Chromosome Location	14q24.2
Function	metal ion binding; metalloendopeptidase activity; metallopeptidase activity; peptidase activity; zinc ion binding;

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