



## ADAM20 peptide (DAG-P0129)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</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 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]
<b>Specificity</b>	Predominantly expressed in ovary, testis and prostate.
<b>Purity</b>	> 95 % by SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Sequence Similarities</b>	Belongs to the peptidase M10A family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
<b>Format</b>	Liquid
<b>Buffer</b>	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

### GENE INFORMATION

**Gene Name** [ADAM20 ADAM metallopeptidase domain 20 \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	ADAM20
<b>Synonyms</b>	ADAM20; ADAM metallopeptidase domain 20; disintegrin and metalloproteinase domain-containing protein 20; ADAM 20; a disintegrin and metalloproteinase domain 20;
<b>Entrez Gene ID</b>	<a href="#">8748</a>
<b>mRNA Refseq</b>	<a href="#">NM_003814.4</a>
<b>Protein Refseq</b>	<a href="#">NP_003805.3</a>
<b>UniProt ID</b>	O43506
<b>Chromosome Location</b>	14q24.1
<b>Pathway</b>	Fertilization, organism-specific biosystem; Interaction With The Zona Pellucida, organism-specific biosystem; Reproduction, organism-specific biosystem;
<b>Function</b>	metalloendopeptidase activity; metallopeptidase activity; zinc ion binding;