



Adam21 peptide (DAG-P0101)

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

PRODUCT INFORMATION

Antigen Description	May be involved in sperm maturation and/or fertilization. May also be involved in epithelia functions associated with establishing and maintaining gradients of ions or nutrients.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Contains 1 disintegrin domain.Contains 1 EGF-like domain.Contains 1 peptidase M12B domain.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 150M Sodium chloride, 30mM HEPES, 2mM EDTA, pH 6.75
Preservative	None
Storage	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, 150M Sodium chloride, 30mM HEPES, 2mM EDTA, pH 6.75

GENE INFORMATION

Gene Name	Adam21 a disintegrin and metallopeptidase domain 21 [Mus musculus (house mouse)]
Official Symbol	ADAM21
Synonyms	ADAM21; a disintegrin and metallopeptidase domain 21; Adam31; disintegrin and metalloproteinase domain-containing protein 21; ADAM 21; ADAM 31; a disintegrin and

metalloprotease domain 21; a disintegrin and metalloprotease domain (ADAM) 21; disintegrin and metalloproteinase domain-containing protein 31;

Entrez Gene ID	56622
mRNA Refseq	NM_020330.4
Protein Refseq	NP_065063.1
UniProt ID	Q9JI76
Chromosome Location	12 D1; 12 37.79 cM
Pathway	Fertilization, organism-specific biosystem; Interaction With The Zona Pellucida, organism-specific biosystem; Reproduction, organism-specific biosystem;
Function	hydrolase activity; metal ion binding; metalloendopeptidase activity; metallopeptidase activity; peptidase activity; zinc ion binding;