

**Specifications:**

Gene:	mAdam2
Accession:	NP_033748.2
Insert size:	2221bp
Concentration:	10µg at 0.2µg/µL

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

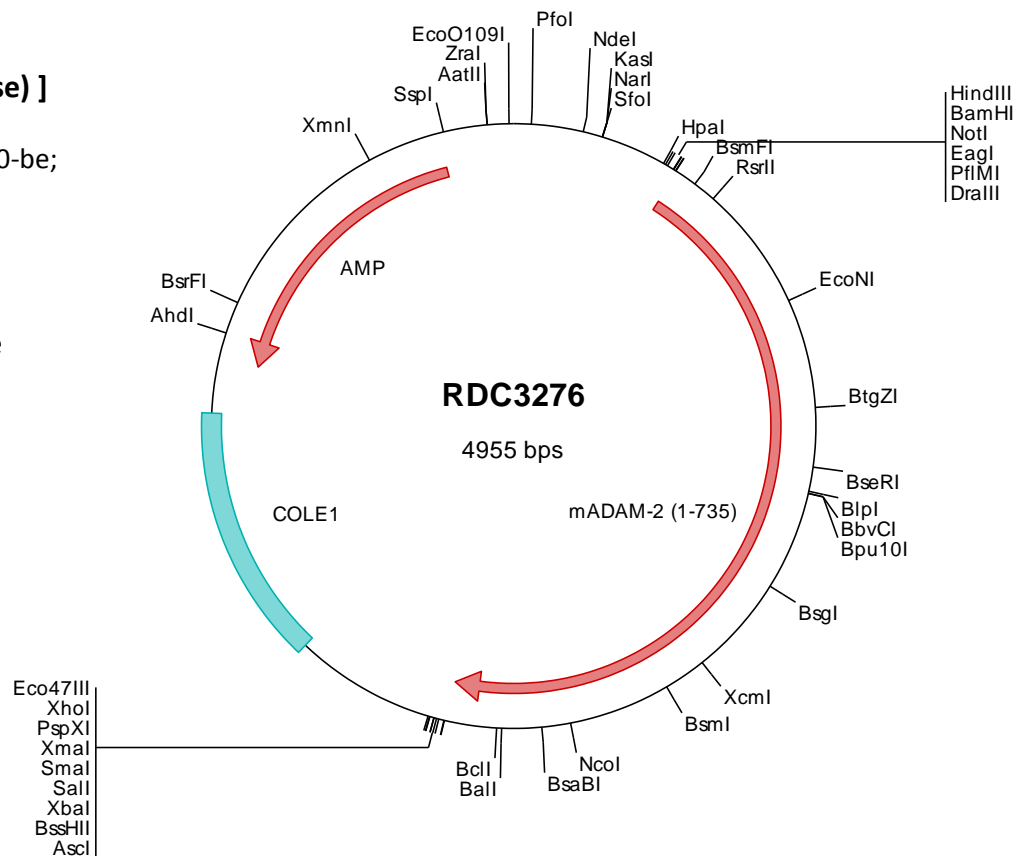
**mADAM-2 cDNA Plasmid**

**Adam2 a disintegrin and metallopeptidase domain 2**  
[ *Mus musculus* (house mouse) ]

**Also known as:** Ftn; Ftnb; Ph30-be; A1323749; Ph30-beta

**Summary:**

ADAM-2 is a member of a disintegrin and metalloprotease (ADAM) family of endoproteases that play important roles in various biological processes including cell signaling, adhesion and migration. ADAM-2 is predominantly expressed in the epididymis, where it undergoes proteolytic processing to generate a mature, functional protein. Male mice lacking ADAM-2 are infertile and exhibit multiple defects in reproduction.



> RDC3276 Plasmid DNA Sequence

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1 tcgcgcgctt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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> RDC3276 Translated Insert Sequence

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