

Specifications:

Gene:	<i>h</i> ODAM
Accession:	NP_060325
Insert size:	853bp
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.

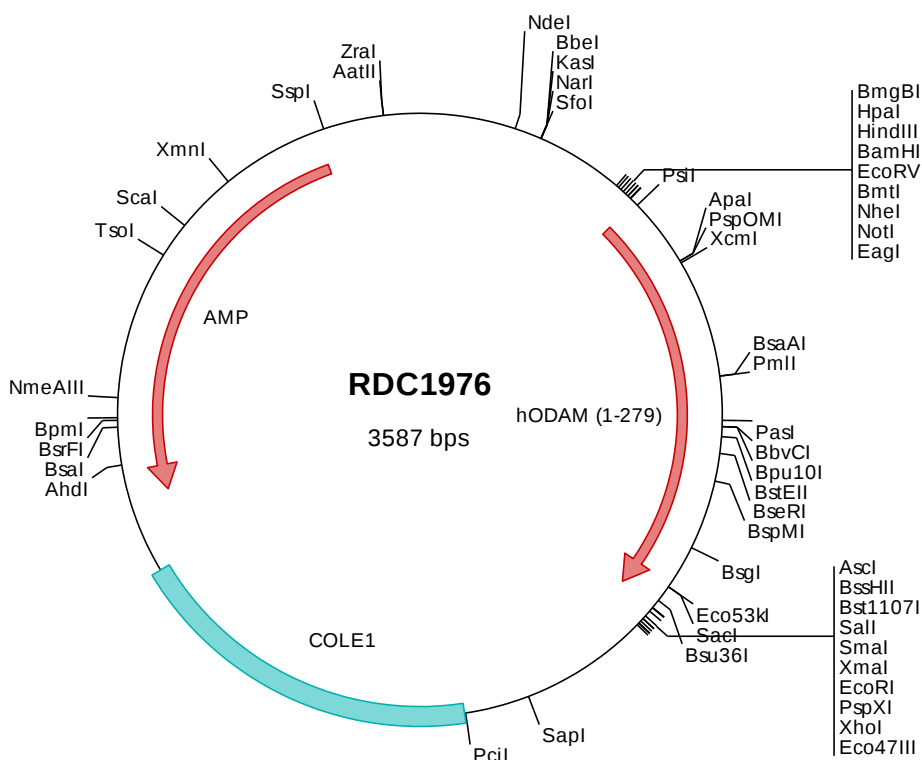
*h*ODAM/APIN cDNA Plasmid

ODAM odontogenic, ameloblast associated [*Homo sapiens* (human)]

Also known as: APIN

Summary:

ODAM is a secreted protein that inhibits colorectal cancer, prostate cancer, breast cancer. It is expressed in the junctional epithelium of healthy teeth. It may play a role in odontogenesis, the complex process that results in the initiation and generation of the tooth.



> RDC1976 Plasmid DNA Sequence

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1  tcgcgcgttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1976 Translated Insert Sequence

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