

Specifications:

Gene:	mDsg3
Accession:	NP_085099.2
Insert size:	2995bp
Concentration:	10µg at 0.2µg/µL

mDesmoglein-3 cDNA Plasmid

Dsg3 desmoglein 3 [*Mus musculus* (house mouse)]

Also known as: bal

Summary:

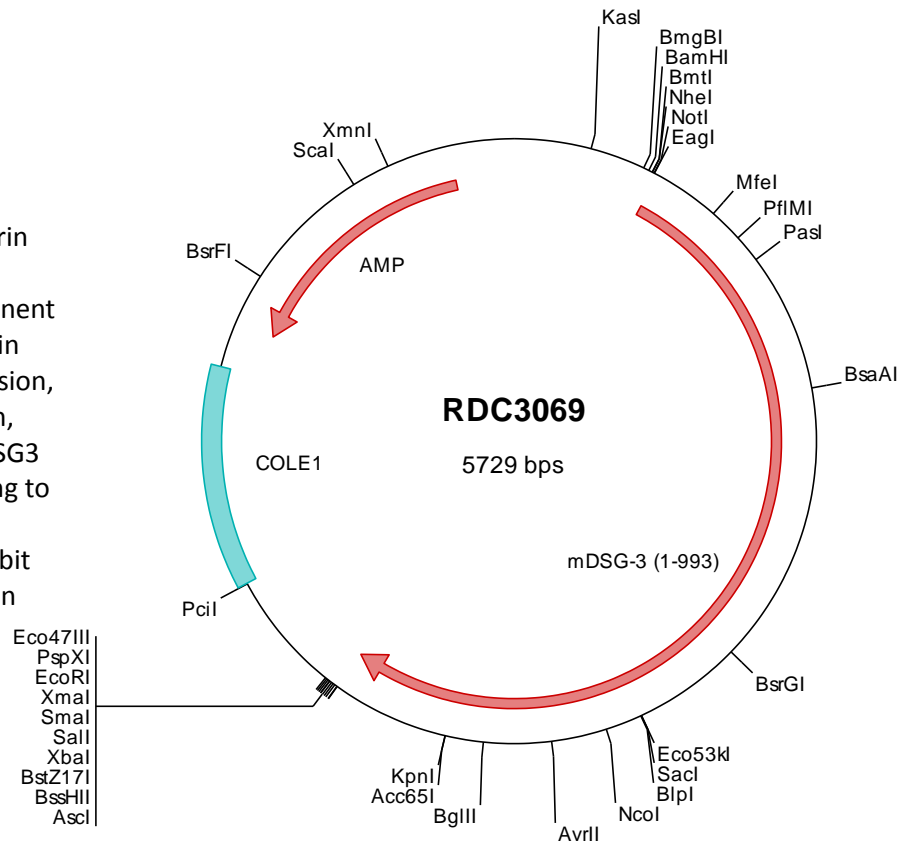
DSG3 is a member of the cadherin family of proteins that forms an integral transmembrane component of desmosomes, the multiprotein complexes involved in cell adhesion, organization of the cytoskeleton, cell sorting and cell signaling. DSG3 undergoes proteolytic processing to generate a mature, functional protein. Mice lacking DSG3 exhibit loss of keratinocyte cell adhesion resulting in a phenotype that resembles that of patients with pemphigus vulgaris.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3069 Plasmid DNA Sequence

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> RDC3069 Translated Insert Sequence

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