

Specifications:

Gene:	hAQP5
Accession:	NP_001642.1
Insert size:	811bp
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.

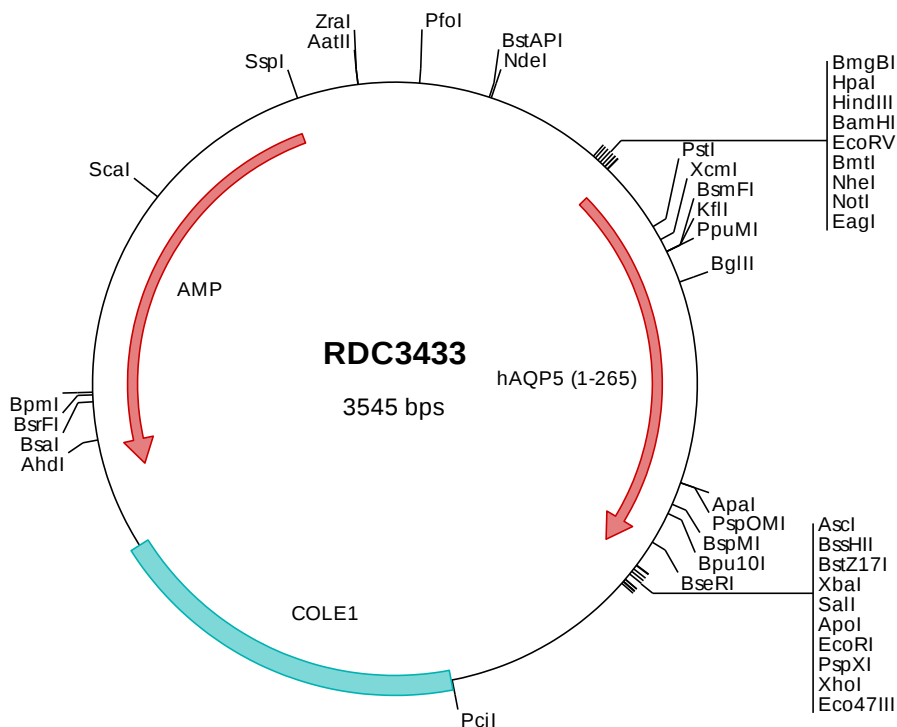
hAquaporin 5/AQP5 cDNA Plasmid

AQP5 aquaporin 5 [*Homo sapiens* (human)]

Also known as: PPKB; AQP-5

Summary:

AQP5 is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein. AQP5 plays a role in the generation of saliva, tears and pulmonary secretions.



> RDC3433 Plasmid DNA Sequence

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> RDC3433 Translated Insert Sequence

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