

Specifications:

Gene:	hGJB6
Accession:	NP_006774
Insert size:	798bp
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.

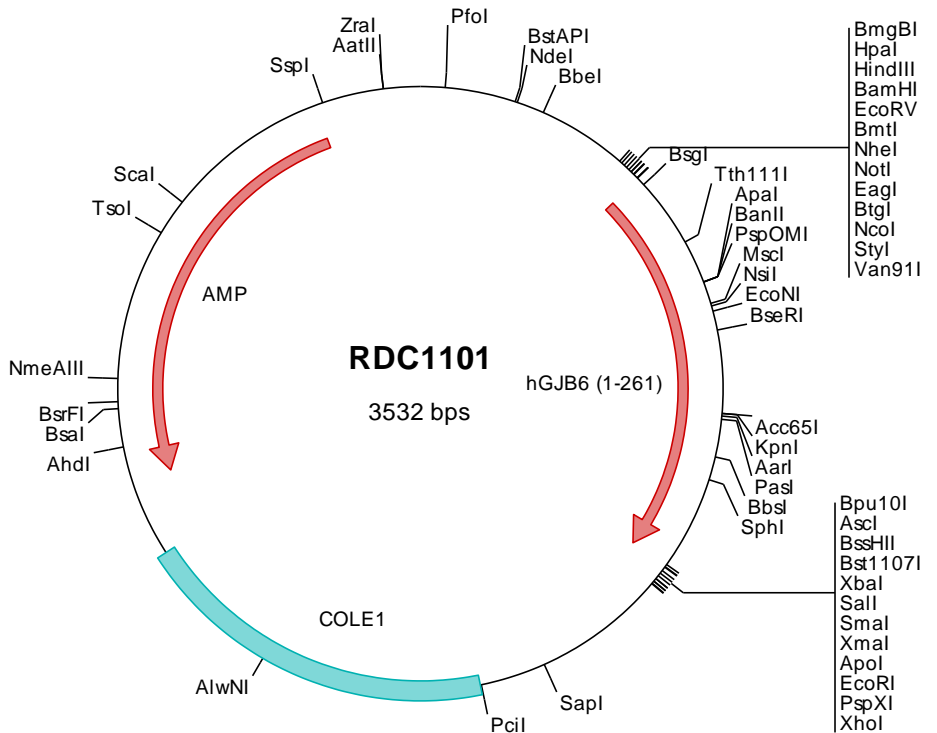
hConnexin 30/GJB6 cDNA Plasmid

GJB6 gap junction protein, beta 6, 30kDa [*Homo sapiens* (human)]

Also known as: ED2; EDH; HED; CX30; HED2; DFNA3; ECTD2; DFNA3B; DFNB1B

Summary:

GJB6 is a member of the connexin gene family. It is a component of gap junctions, which are membrane-spanning proteins that assemble to form gap junction channels that facilitate the transfer of ions and small molecules between cells. The specificity of the gap junction is determined by which connexin proteins comprise the hemichannel. Mutations in GJB6 have been found in some forms of deafness and in some families with hidrotic ectodermal dysplasia.





> RDC1101 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcagctccc gagacggta cagcttgtct gtaagcggat gccgggagca gacaagcccg
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3501 taaaaatagg cgtatcacga ggccttttcg tc
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> RDC1101 Translated Insert Sequence

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```