

### Specifications:

Gene:	hGJB4
Accession:	NP_694944
Insert size:	813bp
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.

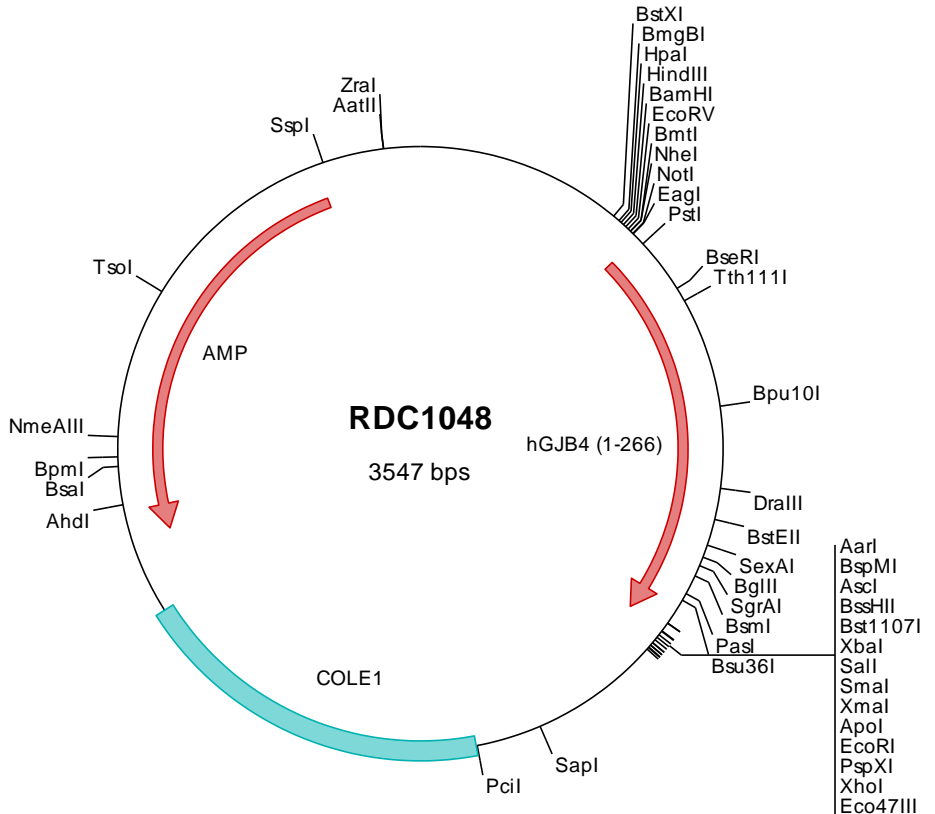
## hConnexin 30.3/GJB4 cDNA Plasmid

**GJB4 gap junction protein, beta 4, 30.3kDa [ *Homo sapiens* (human) ]**

**Also known as:** EKV; CX30.3

### Summary:

GJB4 is a member of the connexin gene family of proteins. 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. Mutations in GJB4 have been associated with erythrokeratoderma variabilis, progressive symmetric erythrokeratoderma, and hearing impairment.





### > RDC1048 Plasmid DNA Sequence

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### > RDC1048 Translated Insert Sequence

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