

## Product datasheet for **RC218171L4V**

### **GJE1 (GJC3) (NM\_181538) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GJE1 (GJC3) (NM_181538) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GJE1
Synonyms:	CX29; CX30.2; CX31.3; GJE1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181538
ORF Size:	837 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218171).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_181538.1</a>
RefSeq Size:	840 bp
RefSeq ORF:	840 bp
Locus ID:	349149
UniProt ID:	<a href="#">Q8NFK1</a>
Cytogenetics:	7q22.1
Protein Families:	Transmembrane
MW:	31.1 kDa


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**Gene Summary:**

This gene encodes a gap junction protein. The encoded protein, also known as a connexin, plays a role in formation of gap junctions, which provide direct connections between neighboring cells. Mutations in this gene have been reported to be associated with nonsyndromic hearing loss.[provided by RefSeq, Feb 2010]