

## Product datasheet for **RC210158L3V**

### **GJD2 (NM\_020660) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

<b>Product Type:</b>	Lentiviral Particles
<b>Product Name:</b>	GJD2 (NM_020660) Human Tagged ORF Clone Lentiviral Particle
<b>Symbol:</b>	GJD2
<b>Synonyms:</b>	CX36; GJA9
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
<b>Tag:</b>	Myc-DDK
<b>ACCN:</b>	NM_020660
<b>ORF Size:</b>	963 bp
<b>ORF Nucleotide Sequence:</b>	The ORF insert of this clone is exactly the same as(RC210158).
<b>OTI Disclaimer:</b>	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>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>RefSeq:</b>	<a href="#">NM_020660.1</a>
<b>RefSeq Size:</b>	966 bp
<b>RefSeq ORF:</b>	966 bp
<b>Locus ID:</b>	57369
<b>UniProt ID:</b>	<a href="#">Q9UKL4</a>
<b>Cytogenetics:</b>	15q14
<b>Protein Families:</b>	Ion Channels: Other, Transmembrane
<b>Protein Pathways:</b>	Gap junction



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**MW:** 35.9 kDa

**Gene Summary:** This gene encodes a member of the connexin protein family. Connexins are gap junction proteins which are arranged in groups of 6 around a central pore to form a connexon, a component of the gap junction intercellular channel. The channels formed by this protein allow cationic molecule exchange between human beta cells and may function in the regulation of insulin secretion. [provided by RefSeq, Oct 2012]